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1881

TURNER'S CAROLINA ALMANAC

1881

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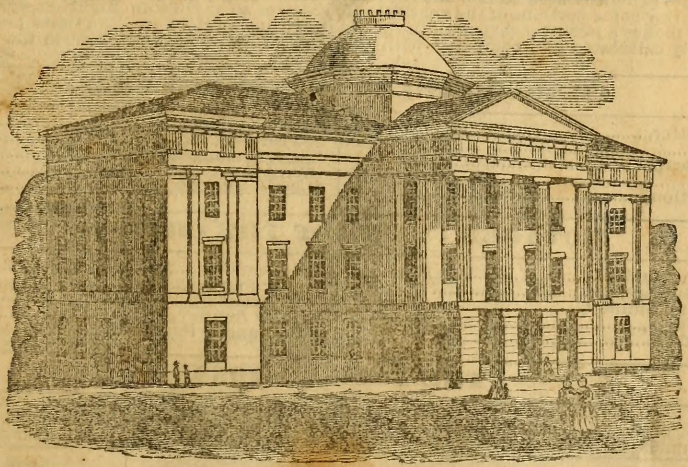
TURNER'S
NORTH CAROLINA
ALMANAC,



FOR THE YEAR OF OUR LORD

1881.

Being the first after Bissextile or Leap Year, and until July 4th, the 105th Year of our American Independence.

Carefully calculated for the Horizon and Meridian of Raleigh.

COMPLIMENTS OF

R. B. ANDREWS & CO., Clothiers and Hatters,

RALEIGH, N. C.

Edwards, Broughton & Co., Printers and Binders, Raleigh, N. C.

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☞ NOTE.—This Almanac bears the name of TURNER'S N. C. ALMANAC, in honor of the late HENRY D. TURNER, for many years a Bookseller in the City of Raleigh, and who first published it in the year 1838. JAS. H. ENNISS, *Editor and Proprietor.*

EXPLANATIONS AND REMARKS.

The calculations of this Almanac are made in mean Solar or Clock time. This is the time indicated by a well regulated watch or clock, and does not correspond with the sun precisely, except on four days during the year. Apparent time is that which makes the sun come to the meridian at 12 o'clock. No good clock will run with the sun; if set with it at noon, January 2, the clock would seem to be one minute too fast January 3 at noon.

To adapt the calculations of this Almanac to Apparent time, use the minutes in the column marked "sun slow" or "sun fast," add them when *fast*, subtract them when *slow*.

The calculations are made for the Latitude and Longitude of Raleigh, N. C.; but the times, phases, &c., will vary only a few minutes for any part of North Carolina, South Carolina, Virginia and Tennessee.

RISING AND SETTING OF THE SUN.

The Almanacs generally used have made the rising and setting together equal twelve hours. This is incorrect. During some portions of the year the Sun changes so rapidly in Right Ascension and Declination that it makes a material change in the Diurnal Arc during the day. The times here given have been rigorously calculated and compared with the best authority, and are true to the nearest whole minute.

CHRONOLOGICAL CYCLES AND ERAS.

Dominical Letter,	B.	Julian Period,	6594
Epact,	30	Jewish Era,	5641
Golden Number,	1	Era of Nabonassar,	2628
Solar Cycle,	14	Olympiads,	2657
Roman Indiction,	9	Mohamedan Era,	1298

MOVABLE FEASTS OF THE CHURCH.

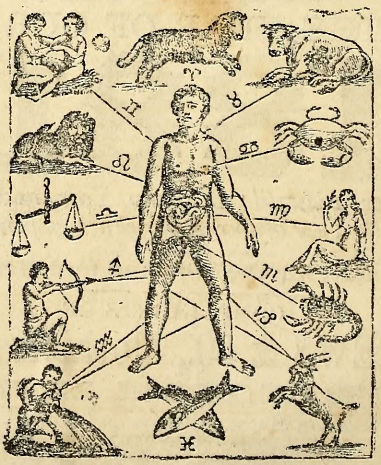
Septuagesima Sunday,	Feb. 13	Palm Sunday,	April 10
Sexagesima Sunday,	" 20	Easter Sunday,	" 17
Quinquagesima Sunday,	" 27	Whit Sunday,	June 5
Shrove Tuesday,	March 1	Trinity Sunday,	" 12
Ash Wednesday,	" 2	First Sunday in Advent,	Nov. 27

THE FOUR SEASONS.

	D.	H.		D.	H.
Spring Commences, March	20	6	Autumn Commences, Sept.	22	5
Summer Commences, June	21	2	Winter Commences, Dec	21	11

The Twelve Signs in the Zodiac.

- ♈ Aries or Ram.
- ♉ Taurus or Bull.
- ♊ Gemini or Twins.
- ♋ Cancer or Crab.
- ♌ Leo or Lion.
- ♍ Virgo or Virgin.
- ♎ Libra or Balance.
- ♏ Scorpio or Scorpion
- ♐ Sagit's or Bowman.
- ♑ Capricorn's or Goat
- ♒ Aqu's or Waterman
- ♓ Pisces or Fishes.



Signs of the Planets.

- ☉ Sun.
- ♂ Mars.
- ☽ Moon.
- ♃ Jupiter.
- ♀ Venus.
- ♄ Saturn.
- ☌ In Conjunction.
- □ Quadrature.

Moon's Phases.

New Moon — Full Moon

First Quarter — Last Quar.

To know where the sign is, find the day of the month, and against the day of the column marked **Moon's Signs**, you have the sign or place of the moon, and then find the sign here.

Morning Stars.	Evening Stars.
Venus from May 1 to Dec. 31.	Venus from Jan. 1 to May 1.
Mars from January 1 to April 27.	Jupiter from Feb. 18 to April 22.
Jupiter from April 22 to June 28.	Saturn from Feb. 26 to April 22.
Saturn from April 22 to June 17.	

Eclipses.

In the year 1881 there will be four Eclipses, two of the Sun and two of the Moon, and a Transit of Mercury over the disc of the Sun.

I. A Partial Eclipse of the Sun, May 27, invisible.
II. A Total Eclipse of the Moon, June 11—12, visible.
Moon enters Penumbra 11d. 11h. 0m. p. m.
Moon enters Shadow, 11d. 11h. 56m. p. m.
Moon leaves shadow, 12d. 3h. 22m. a. m.
Moon leaves Penumbra 12d. 4h. 19m. a. m.
III. An Annual Eclipse of the Sun November 21st, visible in the Southern Hemisphere.
IV. A Partial Eclipse of the Moon, invisible in the United States

Tides.

The time of high tide can readily be found for the following places by adding the hours and minutes opposite the names to the time when the Moon is South on the day for which the tide is sought. The time when the Moon is South is given in the calendar for every day. The next tide can be found very nearly by adding 12 hours and 26 minutes to the time of the one previous.

	H. M.		H. M.
Boston,	11 12	New York,	8 13
Sandy Hook,	7 29	Old Point,	8 17
Baltimore,	6 33	Washington City,	7 34
Richmond	4 32	Hatteras Inlet,	7 04
Beaufort,	7 26	Bald Head,	7 26
Smithville,	7 19	Wilmington,	1 60
Charleston,	7 26	Savannah,	9 83

HERSCHEL'S WEATHER TABLE,

For foretelling the Weather throughout all Lunations of the Year, forever.

IF THE NEW MOON, FIRST QUARTER, FULL MOON OR LAST QUARTER HAPPENS.	IN SUMMER.	IN WINTER.
Between midnight and two oclock	Fair,	Frost unless wind Southwest.
" 2 and 4 morning,	Cold and showers,	Snow and styrmy.
" 4 and 6 "	Rain,	Rain.
" 6 and 8 "	Wind and Rain,	Stormy.
" 8 and 10 "	Changeable,	Cold rain if wind W. snow if E.
" 10 and 12 "	Frequent showers,	Cold and high wind.
" 12 and 2 afternoon	Very rainy,	Snow and Rain.
" 2 and 4 "	Changeable,	Fair and mild.
" 4 and 6 "	Fair,	Fair.
" 6 and 8 "	Fair if wind Northwest,	Fair and frosty if wind N. or N. E.
" 8 and 10 "	Rainy if South or SouthWest,	Rain and Snow if S. or Southwest.
" 10 and midnight,	Fair,	Fair and Frosty.

OBSERVATIONS.

1. The nearer the time of the Moon's change, first quarter, full and last quarter are to midnight, the fairer will be the weather during the next seven days.
2. The space for this calculation occupies from ten at night till two next morning.
3. The nearer to midday or noon the phases of the Moon happen, the more foul or wet weather may be expected during the next seven days.
4. The space for this calcnlation occupies from ten in the forenoon to two in the afternoon. These observations refer principally to the Summer, though they affect Spring and Autumn nearly in the same ratio.
5. The Moon's change, first quarter, full and last quarter, happening during six of the afternoon hours, i. e., from four to ten, may be followed by fair weather, but this is mostly dependent on the wind, as is noted in the table.
6. Though the weather, from a variety of irregular causes, is more uncertain in the latter part of Autumn, the whole of Winter, and the beginning of Spring, yet in the main the above observations will apply to those periods also.
7. To prognosticate correctly, especially in those cases where the wind is concerned, the observer should be within sight of a good vane where the four cardinal points of the heavens are correctly placed.

Insure Against FIRE in the North Carolina Home Insurance Company, Raleigh.

MOON'S PHASES.

	D.	H.	M.		D.	H.	M.	
First Quarter	7,	2	55	a. m.	Last Quarter	23,	3	34	a. m.
Full Moon	15,	6	20	a. m.	New Moon	29,	7	34	p. m.

Day of Mo.	Day of w'k.	Sun Rises.	Sun Sets.	Sun Slow.	Sun's declination.	ASPECTS OF PLANETS, &c.	Moon's Signs.	Moon Rises or Sets.	Moon South.	Tides at Smithville.
						Dark of the Moon plant seed that fruit in the ground. Light of the Moon plant seed that fruit in the light.				
1	S.	7 11	4 56	4	So'th	NEW YEARS DAY.	♑	Sets.	1 14	8 30
1	**Sunday after New Year.**						**Day's Length 9 hours 46 min.**			
2	B.	7 11	4 57	4	22°54	Jupiter sets 11:59 p. m.	♑	7 51	2 11	9 26
3	M.	7 11	4 58	5	22 50	☌ ☿ ☾	♒	8 57	3 5	10 [illegible]
4	Tu	7 11	4 59	5	22 43	Arietes S. 6h. 56m. p. m.	♒	10 5	3 55	10 57
5	We	7 11	5 00	6	22 36	Grierson in pur. of Forest.	♓	11 7	4 43	11 46
6	Th	7 11	5 1	6	22 29	☌ ♃ ☾ EPIPHANY.	♓	Morn	5 30	Morn
7	Fr.	7 11	5 2	6	22 22	☌ ♄ ☾ *Cold with*	♈	0 11	6 16	0 36
8	S.	7 11	5 3	7	22 14	*frequent showers.*	♈	1 13	7 4	1 20
2	**First Sunday after Epiphany.**						**Day's Length 9 hours 53 min.**			
9	B.	7 11	5 4	7	22 5	Bishop Hopkins died 1868	♉	2 13	7 52	2 21
10	M.	7 11	5 5	8	21 56	Castor S. 11h. 57m. p. m.	♉	3 12	8 41	3 20
11	Tu	7 11	5 6	8	21 47	3 Voyage Columbus 1498.	♊	4 7	9 31	4 14
12	We	7 10	5 7	9	21 37	Enoch translated 3017, b.c.	♊	4 59	10 20	5 10
13	Th	7 10	5 8	9	21 27	Moon in Apogee.	♋	5 46	11 8	6 00
14	Fr.	7 10	5 9	9	21 17	*Wind and rain.*	♋	6 26	11 56	6 44
15	S.	7 10	5 10	10	21 6	Ft. Fisher cap'd 1865.	♋	Rises	Morn	7 22
3	**Second Sunday after Epiphany.**						**Day's Length 10 hours 1 min.**			
16	B.	7 10	5 11	10	20 55	Dan'l Webster born 1772	♌	6 37	0 41	8 2
17	M.	7 9	5 12	10	20 43	Sirius So. 10h. 39m. p. m.	♌	7 35	1 25	8 38
18	Tu	7 9	5 13	11	20 31	Great snow storm, 1857.	♍	8 32	2 8	9 17
19	We	7 9	5 14	11	20 18	Regulus S. 2h. 2m. p. m.	♍	9 30	2 50	9 54
20	Th	7 9	5 15	11	20 5	1st Hymn composed, 400	♎	10 29	3 33	10 36
21	Fr.	7 8	5 16	12	19 52	Aldebaran S. 8h. 11m. p. m.	♎	11 30	4 17	11 20
22	S.	7 8	5 17	12	19 39	Tobacco in Virginia, 1616	♎	Morn	5 3	0 7
4	**Third Sunday after Epiphany.**						**Day's Length 10 hours 11 min.**			
23	B.	7 7	5 18	12	19 25	*Cold rain.*	♏	0 32	5 53	1 2
24	M.	7 7	5 19	12	19 10	Fred'k the Gt. b., 1712	♏	1 38	6 46	2 3
25	Tu	7 6	5 20	13	18 56	Burns born, 1857.	♐	2 42	7 44	3 7
26	We	7 6	5 21	13	18 41	☌ ☿ ☉ Sup.	♐	3 51	8 46	4 23
27	Th	7 5	5 22	13	18 25	Dr. Jos. Caldwell d. 1835.	♑	4 48	9 49	5 29
28	Fr.	7 4	5 23	13	18 10	Moon in Perigee.	♑	5 46	10 52	6 28
29	S.	7 3	5 24	14	17 54	☿ greatest Hel. Lat. S	♒	Sets.	11 51	7 15
5	**Fourth Sunday after Epiphany.**						**Day's Length 10 hours 22 min.**			
30	B.	7 3	5 25	14	17 37	*Fair if wind N. W., rain if S.*	♒	6 34	0 48	8 4
31	M.	7 2	5 26	14	17 20	1st Bible Soc., 1804. *or S W*	♓	7 42	1 41	8 54

Overcoats for Men and Boys, Cheapest in the City, at R, B. Andrews & Co.'s, Raleigh.

CONJECTURES OF THE WEATHER.—By Herschel's Table—1, 2, 3, 4, 5, 6, cold rain if wind W. snow if E.; 7, 8, 9, 10, 11, 12, 13, 14, cold with frequent showers; 15, 16, 17,18, 19, 20, 21, 22, wind and rain; 23, 24, 25, 26, 27, 28, cold rain; 29, 30, 31, fair if wind N. W., rain if S. or S. W.

Anecdotes.

An Irishman who had a pig in his possession, was observed to adopt the constant practice of filling it to repletion one day and starving it to death the next. On being asked his reason for doing so, he replied: "Och, sure, and isn't it that I like to have bacon with a strake o' fat and a strake o' o' lane equally, one after the tother?"

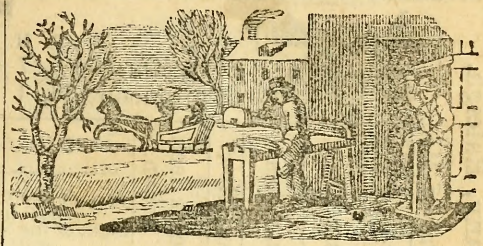
—During a thunder storm a Boston man went into a drug store and requested the privilege of talking through the telephone with his wife, who agreed to be at the other end of the line at the same hour. The two passed words, but the husband couldn't believe that his interlocutor was really his better half. He finally asked her to say something known to themselves only. Just then a rambling streak of lightning came on the wires, and the husband was knocked across the office. As he sadly gathered himself up he remarked: "Correct, that's her."

A Formula for Fertilizers.

Capt. Jas. R. Thigpen, of Edgecombe county, publishes in the *Tarboro Southerner*, the following formula used by him in making his home fertilizers. He says "he compounded in 1877, 40 tons, in 1878, 50 tons, and he expects to prepare 100 tons this season. He says he is confident that this preparation is worth really more dollar for dollar than any commercial fertilizer in the market.

40 lbs. Sulphate Ammonia.
40 " Nitrate Soda.
40 " Sulph. "
200 " Dissolved Bone.
200 " Plaster.

6 or 8 bushels of Sheep and Goat droppings, and a sufficient quantity of rich earth to make a ton of 2,000 lbs."



Garden Calendar for January.

Prepare Hot-beds. Asparagus beds give heavy dressings with compost and salt; Radishes sow sparcely from time to time. Horse Radish cuttings put out. Onions may still be planted, also Garlic and Shalloats, Lettuce plants from fall sowing transplant. Spinach may be sown for early Spring use. Onions hoe, and all other hardy crops planted in Autumn. Peas sow at intervals, some may be frosted, but try again. Turnips for early crop sow. Trees and shrubbery may be transplanted and pruned. Early York, Large York, Drumhead and Early Flat Dutch Cabbage seed sow in hot beds. Collect plenty of manure.

Farm Notes for January.

BEGIN THE YEAR with a plan of operations. Take an account of crop, stock, and provisions, to compare this time next year. Settle all accounts as far as possible. Contract for labor for the year if it has not been done. Open an account of receipts and expenditures for the year. ☞Resolve to make more per acre than you did last year.

TOP DRESSING.—Meadows and grass pastures will be greatly benefitted at this season by a top dressing of the finest and best manures.

SUNDRY MATTERS.—In good open weather haul and scatter manure.——Plow land if soil not too wet.——Repair broken fences.——Make a shelter for manure heap. Keep yards and stables well littered to make manure.——Rainy days may be employed in mending harness, cleaning and repairing all tools for the coming Spring work.——Last, but not least, subscribe for the NORTH CAROLINA FARMER to aid you with its hints, facts and suggestions on farm work during the year. It is published by Jas. H. Enniss, Raleigh, N. C., and only ONE DOLLAR PER YEAR.

Q Is bone manure a good Fertilizer for Grasses?

A. Nothing better, especially if converted into a superphosphate, that is bones reduced to a pulpy mass by sulphuric acid diluted with water, which makes a soluable phosphate, commonly known as superphosphate. The addition of ashes to the superphosphate, would be beneficial to the mixture, as it would neutralize the acid.

MOON'S PHASES.

	D.	H.	M.		D.	H.	M.	
☽ First Quarter	5,	7	40	p. m.	☾ Last Quarter	21,	2	16 p. m.
○ Full Moon	14,	1	9	a. m.	● New Moon	28,	6	18 a. m.

Day of Mo.	Day of w'k.	Sun Rises.	Sun Sets.	Sun Slow.	Sun's declination.	ASPECTS OF PLANETS, &c.	Moon's Signs.	Moon Rises or Sets.	Moon South.	Tides at Smithville.
						Dark of the Moon plant seed that fruit in the ground. Light of the Moon plant seed that fruit in the light.				
1	Tu	7 1	5 27	14	17° 3	Venus sets 9:05 p. m.	♑	8 52	2 32	9 38
2	We	7 00	5 28	14	16 46	☌ ☿ ☾	♒	9 57	3 21	10 24
3	Th	6 59	5 29	14	16 29	☌ ♃ ☾ Gas invented, 1805	♓	11 1	4 10	11 12
4	Fr.	6 58	5 30	14	16 11	☌ ♄ ☾	♓	Morn	4 58	Morn
5	S.	6 57	5 31	14	15 53	*Wind and rain.*	♈	0 3	5 47	0 2
6		**Fifth Sunday after Epiphany.**						**Day's Length 10 hours 36 min.**		
6	B.	6 56	5 32	14	15 34	J. J. Daniel died, 1848.	♈	1 4	6 36	0 56
7	M.	6 55	5 33	14	15 16	Bat. Roanoke Island, 1862	♉	2 1	7 26	1 47
8	Tu	5 54	5 34	14	14 57	Pollux S. 10h. 7m. p. m.	♉	2 54	8 16	2 49
9	We	6 53	5 35	14	14 38	Diamet'r of Venus 7,800m	♉	3 44	9 4	3 49
10	Th	6 52	5 36	14	14 18	Moon in Apogee.	♊	4 24	9 52	4 41
11	Fr.	6 51	5 37	14	13 58	Pub. Inst. com., 1795.	♊	5 3	10 38	5 32
12	S.	6 50	5 38	14	13 39	Regulus S. 0h. 24m. a. m.	♊	5 37	11 23	6 18
7		**Septuagesima Sunday.**						**Day's Length 10 hours 50 min.**		
13	B.	6 49	5 39	14	13 18	Koran pub., 612. *Hard*	♋	6 11	Morn	6 53
14	M.	6 48	5 40	14	12 58	St. Val. Day. *frosts.*	♋	Rises	0 6	7 32
15	Tu	6 47	5 41	14	12 38	Jupiter sets 9:39 p. m.	♌	7 21	0 47	8 5
16	We	6 46	5 42	14	12 17	Ft. Donalson taken, 1862.	♌	8 20	1 32	8 45
17	Th	6 44	5 43	14	11 56	Sirius S. 8h. 34m p. m.	♍	9 20	2 16	9 22
18	Fr.	6 43	5 44	14	11 35	Trinity Col. chart'd, 1852.	♍	10 23	3 2	10 6
19	S.	6 42	5 45	14	11 13	Aldebaran S. 6h. 15m. p. m.	♍	11 27	3 50	10 52
8		**Sexagesima Sunday.**						**Day's Length 11 hours 5 min.**		
20	B.	6 41	5 46	14	10 52	☾ ☿ greatest elong. E.	♎	Morn	4 41	11 44
21	M.	6 40	5 47	14	10 30	☿ in Perihelion. *Fair*	♎	0 34	5 36	0 42
22	Tu	6 38	5 48	14	10 8	☌ ♃ ☿ Wash'n b., 1732.	♏	1 40	6 34	1 47
23	We	6 37	5 49	14	9 46	☿ greatest elong. E.	♏	2 41	7 35	2 58
24	Th	6 36	5 50	13	9 24	Pitt Co. formed, 1760.	♐	3 34	8 35	4 8
25	Fr.	6 35	5 51	13	9 2	☌ ☌ ☾ St. Pat'k in Ire., 432	♐	4 23	9 34	5 13
26	S.	6 33	5 52	13	8 40	Moon in Perigee.	♑	5 4	10 31	6 11
9		**Quinquagesima Sunday.**						**Day's Length 11 hours 22 min.**		
27	B.	6 32	5 54	13	8 17	Bat. Moore's cr'k, 1776	♑	5 32	11 25	6 55
28	M.	6 31	5 55	13	7 54	*Stormy.*	♒	Sets.	0 17	7 38

Insure Against FIRE in the North Carolina Home Insurance Company, Raleigh.

Business Suits at low prices, at R. B. ANDREWS & CO.'S, Clothiers and Hatters, Raleigh, N. C.

CONJECTURES OF THE WEATHER.—By Herschel's Table—1, 2, 3, 4, fair if wind N. W.; 5, 6, 7, 8, 9, cold and cloudy; 10, 11, 12, 13, wind and rain; 14, 15 16, 17, 18, 19, 20, frost unless wind S. W.: 21, 22, 23, 24, 25, 26, 27, fair; 28, stormy and changeable.

Anecdotes.

—An editor got shaved in a barber shop and offered the darkey a dime, which was refused, because, said he, "I understand you is an editor!" "Well, what of that?" "We never charge editors nuffin!" "But such liberality will ruin you." "Oh, nebber mind, we makes it up off the *gentmen!*"

—A small sized lawyer appearing as a witness in one of the courts, was asked by a gigantic counsellor what his profession was, and replied that he was an attorney.

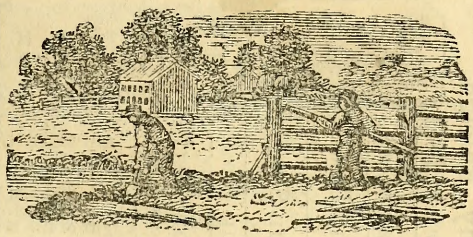
"You an attorney!" said the other; "why I could put you in my pocket!"

"Very likely you could," rejoined the little man; "and if you did, you would have more law in your pocket than you have in your head."

QUESTION AND ANSWER.—What is a good receipt for tanning skins for farm use?

The Boston *Journal of Chemistry* (high authority) says: "Soak the skin or hide eight or nine days in water, then put it in lime; take it out, and remove the hair by rubbing it, and soak it in clear water until the time is entirely out. Put one pound of alum to three of salt, dissolve it in a vessel sufficiently large to hold the hide; soak the hide three or four days, then take it out, let it get half dry, and then heat or rub it until it becomes pliable. Leather prepared in this process will not do well for shoes, but answers for hamestrings, back bands and various other purposes on the farm.

☞ *The farming interest has improved an hundred per cent. since the introduction of the* N. C. FARMER *in our community.*—W. T. WARD, Bertie county, N. C. J. H. ENNISS, Pub., Raleigh.



Garden Calendar for February.

If not done last month prepare heating materials for hot-beds; for which select a situation protected by fence or wall. Asparagus beds redress; Grafting execute; Fruit Trees and Shrubbery transplant. Plant early Potatoes, Spinach sow, also Radishes, Carrots, Parsnips, Salsify, Beets, Cabbage plants from the different sowings; transplant also Lettuce plants, Peas plant, the Extra Early is the best. In hot beds sow Cabbage, Tomato, Egg Plant, Lettuce, Radish, &c. Don't be deterred in your operations from fear of loss by change of temperature, but have at hand the means of protection against hard weather, or you will be behind your more enterprising neighbors.

Farm Notes for February.

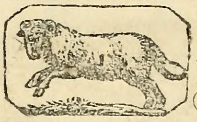
TOOLS AND IMPLEMENTS.—Now is a good time to purchase such tools and implements as may be needed for the coming season's work. Tools that are lightest, other things being equal, should be chosen. The handling of heavy tools is a waste of muscle power. All tools should be bright and sharp.

OATS.—Chemical analysis proves that oats contain ten per cent. more nutriment than corn. It is, however, a much neglected crop. Too often sown in poor land without manuring, and badly cultivated. The earlier they are sown in the Spring, the better the chances for a good crop. Sow oats and the rust proof variety.

HARROWING WHEAT.—Harrowing wheat is not a common practice among our farmers. Thousands of experiments in all parts of the United States prove that wheat harrowed 4 or 5 times in the Spring will increase the yield from 5 to 10 bushels per acre, according to the strength of the land. For this purpose we recommend the "THOMAS PATENT SMOOTHING HARROW," which is made upon the "draw cut" principle, and pressing *downwards* upon the young plants do not injure them in the least.

FERTILIZERS.—Fertilizers for Spring crops should be such as are quickly soluable and readily taken up as food by plants. Attend therefore to the decomposing of all bones or other material for this purpose. Also to the thorough mixture of the compost heap.

PLOWING.—Make your soil fine by plowing and harrowing, and plow a little deeper each year. You will increase the product.



MOON'S PHASES.

D. H. M.

First Quarter 7, 2 48 p. m. Last Quarter 22, 10 16 p. m.
Full Moon 15, 5 23 p. m. New Moon 29, 5 18 p. m.

Insure Against FIRE in the North Carolina Home Insurance Company, Raleigh.

Day of Mo.	Day of w'k.	Sun Rises.	Sun Sets.	Sun Slow.	Sun's declination.	ASPECTS OF PLANETS, &c. Dark of the Moon Plant seed that fruit in the ground. Light of the Moon plant seed that fruit in the light.	Moon's Signs.	Moon Rises or Sets.	Moon South.	Tides at Smithville.
1	Tu	6 29	5 56	13	7°32	☌ ☿ ☾ SHROVE TUESDAY.	♌	7 34	1 8	8 24
2	We	6 28	5 57	12	7 9	☿ stationary. ASH WED'Y.	♌	8 41	1 58	9 7
3	Th	6 27	5 58	12	6 46	☌ ♃ ☾ ☌ ♄ ☾ ☌ ♀ ☾	♍	9 47	2 48	9 52
4	Fr.	6 25	5 59	12	6 23	♀ greatest Hel. Lat. N.	♎	10 49	3 38	10 41
5	S.	6 24	6 00	12	6 0	La Place died, 1827.	♎	11 49	4 28	11 31
10		**Quadragesima Sunday.**							**Day's Length 11 hours 38 min.**	
6	B.	6 23	6 1	11	5 37	☽ ♀ in perihelion.	♏	Morn	5 19	Morn
7	M.	6 22	6 2	11	5 13	*Fair and mild.*	♏	0 44	6 9	0 25
8	Tu	6 20	6 3	11	4 50	Raid Merrimac, 1862.	♐	1 37	6 58	1 18
9	We	6 19	6 4	11	4 26	Moon in Apogee.	♐	2 19	7 47	2 15
10	Th	6 17	5 5	10	4 3	Manassa evacuated, 1862.	♑	3 1	8 33	3 15
11	Fr.	6 16	6 6	10	3 39	☌ ☿ ☉ inf.	♑	3 36	9 18	4 6
12	S.	6 14	6 7	10	3 16	1st Hospital found'd, 1682	♒	4 9	10 2	4 57
11		**Second Sunday in Lent.**							**Day's Length 11 hours 54 min.**	
13	B.	6 13	6 7	10	2 52	Attack of Groton, 1676.	♒	4 39	10 46	5 42
14	M.	6 11	6 8	9	2 29	*Fair.*	♓	5 10	11 29	6 22
15	Tu	6 10	6 9	9	2 5	Bat. Guilf'd C. H., 1781	♓	Rises	Morn	6 59
16	We	6 8	6 10	9	1 41	Jupiter sets 8:16 p. m.	♈	7 12	0 13	7 39
17	Th	6 7	6 11	9	1 17	Polux S. 7h. 37m. p. m.	♈	8 16	0 59	8 15
18	Fr.	6 6	6 11	8	0 54	Calhoun born, 1782.	♈	9 18	1 47	8 56
19	S.	6 4	6 12	8	0 30	Arcturus S. 2h. 16m. a. m.	♉	10 21	2 38	9 44
12		**Third Sunday in Lent.**							**Day's Length 12 hours 10 min.**	
20	B.	6 3	6 13	8	0 6	☉ enters Ar. SPRING COM.	♉	11 28	3 32	10 35
21	M.	6 2	6 14	7	No'th	Beaufort taken, 1862.	♊	Morn	4 30	11 33
22	Tu	6 00	6 15	7	0 41	*Fair and frosty.*	♊	0 28	5 28	0 34
23	We	5 59	6 15	7	1 5	☾ Reg'lus S. 9h. 58m. p. m.	♋	1 25	6 28	1 41
24	Th	5 57	6 16	6	1 28	☿ stationary.	♋	2 16	7 25	2 48
25	Fr.	5 56	6 17	6	1 52	Moon in Perigee.	♌	2 59	8 21	3 54
26	S.	5 54	6 18	6	2 16	☌ ♄ ☾	♌	3 38	9 15	4 52
13		**Fourth Sunday in Lent.**							**Day's Length 12 hours 26 min.**	
27	B.	5 53	6 19	6	2 39	Venus at greatest brill'y.	♍	4 15	10 6	5 46
28	M.	5 51	6 19	5	3 2	☌ ☿ ☾ ♀ gre'st Hel. Lat. N	♍	4 47	10 56	6 42
29	Tu	5 50	6 20	5	3 26	*Fair.*	♎	Sets.	11 46	7 12
30	We	5 48	6 20	5	3 49	Crim. War end., 1856	♎	7 27	0 36	7 57
31	Th	5 47	6 21	4	4 12	☌ ♃ ☾ ☌ ♄ ☾	♏	8 30	1 26	8 39

Men & Boys Hats, Correct Styles, at R. B. Andrews & Co.'s, Clothiers & Hatters, Raleigh.

CONJECTURES OF THE WEATHER.—By Herschel's Table.—1, 2, 3, 4, 5, 6, wind and rain; 7, 8, 9, 10, cloudy and changeable; 11, 12, 13, 14, fair and mild; 15, 16, 17, 18, 19, 20, 21, fair; 22, 23, 24, 25, 26, 27, 28, fair and frosty; 29, 30, 31, fair.

Anecdotes.

—Baptist minister, fishing near Cape Cod, catches a strange fish and asks of skipper; "What manner of fish is this, my good man? It has a curious appearance." "Yass! Only been 'round here this year." "What do you call it?" "We call'em Baptists." "Why so?" "Cause they spile so quick arter they come out of the water."

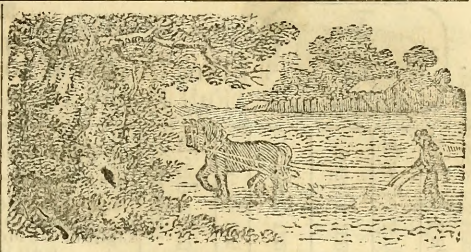
—Once upon a time Jake Mason went to a donation party where six farmers were to contribute a jug of milk apiece. Well, one man—a very mean man, this mean man was Jake Mason—thought it would not make any difference if he contributed water in place of milk; so he filled his jug with water, and took it to the donation. When he got there he turned it over on the bung, and it ran into the barrel where all the farmers had turned their milk. Now, what do you think was the result? Why, every one of the six farmers happened to be as mean as Jake Mason. They had all brought water.

A Remedy for Rats.

We like the following suggestions of the *Scientific American*, concerning these vermin that occasionally overrun the farm buildings, eating and wasting the contents of cellars and granaries: To clean them out make whitewash yellow with copperas and cover the stones and rafters in the cellar with it. In every crevice in which a rat may tread put the crystals of copperas, and scatter the same in the corners of the floor.

☞ *I think the* N. C. FARMER *the most valuable paper in the State. The seed you sent were quite a success.*—T. E. KEEL, Pitt county, N. C.

☞ ONLY ONE DOLLAR PER YEAR.



Garden Calendar for March.

Transplant hardy Lettuce, also Cabbage Plants from Winter beds, especially the Large York, dress beds of Asparagus, Artichoke, Sea Kale and Rhubarb; Strawberry beds set out; Tomatoes from hot beds may be set out; plant Peas, Potatoes, Onion Sets, Early Corn; sow Cabbage, Carrot, Celery, Cucumber, Beets, Egg Plant, Leek, Lettuce, Mustard, Melons in hot beds, Okra, Parsnip, Parsley, Pumpkin, Pepper at the close of the month, Radish, Salsify, Squash, Spinach, Turnips; and Tomatoes sow in warm situation.

Farm Notes for March.

KEEP ahead of your work instead of allowing your work to keep ahead of you. Always be ready and up with the season. A good start in the Spring is a great point in making a good crop.

PLOWING.—For good crops, good plowing is essential. It is in this, as far as mechanical agency is concerned, lies the secret of good crops. The soil cannot be too finely pulverized. One acre well plowed is worth two half way done.

ATTEND TO SEED.—Like produces like. Plant the best seed you can get for every crop. If you know of a better variety, get it and plant. At all events select the best you have for planting.

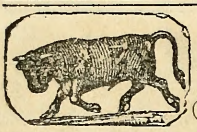
BEDDING COTTON LAND.—Bed up now and reverse beds in April, just befort planting, or lay off now, apply manure, list with two furrows and complete bed afterwards.

PLANTING CORN.—Plant as soon as the earth is warm enough to secure a stand. As a rule: early planting produces the best crop. Another advantage is, it can be laid by early and thus give time to work the cotton crop. On upland give good distance—a smoothing harrow may be run over after planting to good advantage.

TOBACCO BEDS should be top dressed with guano or hen manure. Sift plaster over the plants. Beds should be well drained and kept free from weeds.

QUESTION.—How much land plaster should be put to an acre of grass or clover, and at what time?

A. From 200 to 400 pounds. It may be done at any season, when the atmosphere is damp.



MOON'S PHASES.

	D.	H.	M.			D.	H.	M.	
First Quarter	6	10	40	a. m.	Last Quarter	21	4	24	a. m.
Full Moon	14	6	36	a. m.	New Moon	28	5	10	a. m.

Day of Mo.	Day of w'k.	Sun Rises.	Sun Sets.	Sun Slow.	Sun's declination.	ASPECTS OF PLANETS, &c.	Moon's Signs.	Moon Rises or Sets.	Moon South.	Tides at Smithville.
						Dark of the Moon plant seed that fruit in the ground. Light of the Moon plant seed that fruit in the light.				
1	Fr.	5 46	6 22	4	4°36	☌ ☽ ALL FOOLS DAY.	♉	9 34	2 17	9 23
2	S.	5 44	6 23	4	4 59	Venus sets 9:28 p. m.	♉	10 32	3 8	10 12
14		**Fifth Sunday in Lent.**						**Day's Length 12 hours 41 min.**		
3	B.	5 43	6 24	3	5 22	CHRIST CRUCIF'D A.D. 33.	♊	11 26	4 00	11 2
4	M.	5 41	6 25	3	5 45	P. Con. m. at Halifax, 1776	♊	Morn	4 50	11 54
5	Tu.	5 40	6 25	3	6 7	Plato died B. C. 347.	♋	0 15	5 39	Morn
6	We	5 39	6 27	3	6 30	Moon in Apogee. *Fre.*	♋	0 58	6 27	0 45
7	Th	5 37	6 28	2	6 53	☿ gr't elon. W. *sh'w'rs.*	♋	1 35	7 12	1 40
8	Fr.	5 34	6 29	2	7 15	Petrarch Crowned, 1341.	♌	2 9	7 56	2 29
9	S.	5 33	6 30	2	7 37	First C. School Act, 1795.	♌	2 37	8 40	3 24
15		**Palm Sunday.**						**Day's Length 12 hours 59 min.**		
10	B.	5 32	6 31	1	8 00	Battle Malwitz, 1741.	♌	3 9	9 23	4 13
11	Mo	5 30	6 32	1	8 22	♀ stationary.	♌	3 36	10 7	5 2
12	Tu.	5 29	6 32	1	8 44	Halifax C. Dec. Ind., 1776.	♌	4 6	10 52	5 47
13	We	5 27	6 33	1	9 6	Antares S. 2h. 55m. a. m.	♍	4 38	11 40	6 28
14	Th	5 26	6 34	0	9 27	*Wind and rain.*	♍	rises.	Morn	7 10
15	Fr.	5 25	6 35	0	9 49	GOOD FRIDAY.	♎	8 14	0 31	7 52
16	S.	5 24	6 36	ft.	10 10	N. J. sold for $25,000, 1681	♎	9 20	1 25	8 38
16		**Easter Sunday.**						**Day's Length 13 hours 14 min.**		
17	B.	5 22	6 36	0	10 31	EASTER.	♏	10 23	2 23	9 29
18	Mo	5 21	6 37	1	10 52	Johnston surrend'd, 1865.	♏	11 21	3 23	10 26
19	Tu.	5 20	6 38	1	11 13	Moon in Perigee.	♐	Morn	4 22	11 25
20	We	5 19	6 39	1	11 34	Meteoric shower, 1838.	♐	0 14	5 21	0 21
21	Th	5 18	6 40	1	11 54	☌ ♄ ☉ *Rain.*	♐	0 57	6 17	1 30
22	Fr.	5 16	6 40	1	12 14	☌ ♄ ♃ ☌ ♃ ☉.	♑	0 39	7 10	2 27
23	S.	5 15	6 41	2	12 34	Brazil discovered, 1500.	♑	2 12	8 1	3 29
17		**First Sunday after Easter.**						**Day's Length 13 hours 28 min.**		
24	B.	5 14	6 42	2	12 54	☌ ♁ ☽	♑	2 46	8 50	4 27
25	Mo	5 13	6 43	2	13 14	Gr't plague in Lon'n, 1665	♒	1 19	9 38	5 17
26	Tu.	5 12	6 44	2	13 33	Regulus S. 7h. 52m. p. m.	♒	3 53	10 27	6 7
27	We	5 10	6 45	2	13 53	☿ greatest Hel. Lat. S.	♓	4 27	11 16	6 46
28	Th	5 9	6 45	3	14 12	☌ ♃ ☽ ☌ ♀ ☽ *Rain.*	♓	Sets.	0 7	7 33
29	Fr.	5 9	6 46	3	14 30	Rufus King d., 1827.	♈	8 17	0 58	8 14
30	S.	5 8	6 46	3	14 49	Washington inaug., 1789.	♈	9 14	1 50	8 59

Home Insurance Company, Raleigh.
Insure Against FIRE in the North Carolina

White Duck & Marseilles Vests, Cheapest in the City, at R. B. Andrews & Co.'s, Raleigh.

CONJECTURES OF THE WEATHER.—By Herschel's Table—1, 2, 3, 4, 5, stormy; 6, 7, 8, changeable; 9, 10, 11, 12, 13, frequent showers; 14, 15, 16, 17, 18, 19, 20, wind and rain; 21, 22, 23, 24, 25, 26, 27, rain; 28, 29, 30, rain.

Anecdotes.

—A colored cook, expecting company of her kind, was at a loss how to entertain her friends. Her mistress said, "Chloe, you must make an apology." "La! missus, how can I make it? I got no eggs, no butter, no nuffin' to make it wid."

—Good Deacon B., having as some of his friends thought, shown too little interest in the public affairs of the day, was charged by a brother with being 'on the fence.' 'Yes, I am on the fence,' was the reply, 'and there I propose to remain as long as it's so muddy on both sides.'

—In one of the rural towns in Vermont, there lived a man who was accused of stealing sheep, and the day was set when he was to answer the charge before a court of justice. But, as it happened, before the day of trial he sickened and died. His old mother was overwhelmed with grief, and sat long by the corpse, filling the house with wailing and lamentation. At last a thought seem to strike her; she joyously ejaculated: "Well, thank God, he's out of the sheep scrape, anyhow!"

Grass and Clover Seed to the Acre.

As a general thing, the following amounts will be about the right quantity, per acre for meadow:

Red Clover alone	12 to 16 pounds.
Clover and Red Top	8 to 10 lbs. each.
Clover and Timothy,	7 to 9 " "
Alsike or Lucern.	10 lbs. of either.
Orchard Grass,	20 to 25 pounds.
Blue Grass,	25 to 30 pounds.
German Millet,	3 to 5 pecks.

☞ *The circulation of the* N. C. FARMER *will do more to build up and improve our agriculture than anything we know of.*—CONCORD REGISTER.

Garden Calendar for April.

If not done last month, plant Cabbage, Peas, Potatoes, Beets, Corn, Spinach, Mustard, Turnip, Cucumber, Squashes, Pumpkin, Radish, Tomato, Okra, Carrots, Parsnip, Celery, Salsify, Pepper, Lettuce, Egg Plant. Plants set out in February and March will require culture. Sow Leeks for Winter use. Sow Drumhead, Flat Dutch and Drumhead Savoy Cabbage seed for plants to be set out in June; Beans may now be planted; drill Lettuce if intended to head; draw up earth to potato vines; Turnips sowed last month should be hoed and thinned, transplant Spring sown Cabbage, and manure well if you expect fine heads; Citrons and Watermelons plant; small Onions set out in Autumn will now be fit for use; Asparagus is now in season; hoe beds to exterminate weeds; additional root crops may now be sown; transplant all kinds of Perennial herbs, such as Mint, Sage, Winter Savory and Medicinal herbs. *Remember to keep down the weeds this month.*

Farm Notes for April.

UPLAND RICE.—Rice may be safely planted in N. C. from 1st of April to middle of May. 2 to 3 pecks per acre. Culture same as cotton.

DRAINS AND DITCHES—With the Spring season come floods and freshets, overflowing the lands and washing off the soil. Clean out all ditches, open all drains that the water may pass off readily or soak into the soil.

SOAKING SEED.—The effect of soaking seed before planting, is to promote the growth and development of the young plant and to protect the seed from insects in the ground. Cotton seed soaked in liquid manure or well rolled in lime or ashes, will start the plants off earlier and stronger, and they will grow faster. Corn soaked in a strong solution of salt petre or copperas forty-eight hours before planting, will secure a good stand from birds, squirrels and worms. In 1878, Dr. Samuel W. Eaton, of Warren county, N. C., tried the soak of salt petre and tar for seed corn and he wrote us that he obtained a good stand. Soaking seed corn for seven hours in a very strong decoction of chloride of lime, corn can be forced ahead to maturity two or three weeks sooner than it will mature otherwise. The lime warms up the germ of the seed, and sends it up quickly, giving it two or three weeks the start of corn planted in the ordinary way, thereby insuring against frost at the close of the season.

MOON'S PHASES.

	D.	H.	M.		D.	H.	M.	
First Quarter	6	5	30	a. m.	Last Quarter	20	9	53 a. m.
Full Moon	13	5	10	p. m.	New Moon	27	6	22 p. m.

Day of Mo.	Day of w'k.	Sun Rises.	Sun Sets.	Sun Fast.	Sun's declination.	ASPECTS OF PLANETS, &c.	Moon's Signs.	Moon Rises or Sets.	Moon South.	Tides at Smithville.
						Dark of the Moon plant seed that fruit in the ground. Light of the Moon plant seed that fruit in the light.				
18		**Second Sunday after Easter.**						**Day's Length 13 hours 40 min.**		
1	B.	5 7	6 47	3	15° 7	Synod of Dort, 1619.	♌	10 3	2 41	9 47
2	Mo	5 6	6 48	3	15 25	☿ greatest Hel. Lat. S.	♌	10 49	3 31	10 34
3	Tu.	5 5	6 48	3	15 43	☌ ☿ ☉ Sup.	♍	11 31	4 20	11 23
4	We	5 4	6 49	3	16 0	Moon in Apogee.	♍	Morn	5 6	Morn
5	Th	5 3	6 50	3	16 17	Napoleon died, 1821.	♎	0 8	5 50	0 10
6	Fr.	5 2	6 51	3	16 34	☌ ☿ ♄ *Rain.*	♎	0 38	6 33	0 59
7	S.	5 1	6 52	4	16 51	☌ ☿ ♃ B. Pet'b'g, 1864.	♎	1 7	7 16	1 46
19		**Third Sunday after Easter.**						**Day's Length 13 hours 52 min.**		
8	B.	5 00	6 52	4	17 7	☌ ☿ ♀ B. Palo Alto, 1846.	♏	1 37	7 59	2 39
9	Mo	4 59	6 53	4	17 23	Schiller died, 1805.	♏	2 6	8 43	3 27
10	Tu	4 58	6 54	4	17 39	MEMORIAL DAY.	♐	2 35	9 29	4 16
11	We	4 57	6 55	4	17 55	☌ ♃ ♀ N. C. Coun. of S., 1776	♐	3 7	10 19	5 8
12	Th	4 56	6 56	4	18 10	Mantua taken, 1796.	♐	3 42	11 13	5 59
13	Fr.	4 56	6 56	4	18 25	Jamest'n s., 1607. *fair*	♑	Rises	Morn	6 49
14	S.	4 55	6 57	4	18 40	B. b. Hook'r & Ho'd, '64	♑	8 9	0 10	7 36
20		**Fourth Sunday after Easter.**						**Day's Length 14 hours 4 min.**		
15	B.	4 54	6 58	4	18 54	☌ ♄ ♀ B. of Alama'ce, 1771	♒	9 12	1 11	8 27
16	Mo	4 53	6 59	4	19 8	Moon in Perigee.	♒	10 8	2 12	9 21
17	Tu	4 53	7 00	4	10 22	☌ ☿ ☉ Sup.	♓	10 57	3 13	10 17
18	We	4 52	7 00	4	19 35	Battle Waterloo, 1815.	♓	11 40	4 12	11 14
19	Th	4 52	7 1	4	19 48	Columbus died, 1506.	♓	Morn	5 7	0 11
20	Fr.	4 51	7 2	4	20 1	MECK'B'G D. IND., 1775	♈	0 17	5 58	1 7
21	S.	4 50	7 3	4	20 13	Constantine d'd, 337.	♈	0 50	6 48	2 5
21		**Fifth Sunday after Easter.**						**Day's Length 14 hours 14 min.**		
22	B.	4 50	7 4	4	20 25	Duroc killed, 1813.	♈	1 21	7 36	2 59
23	Mo	4 49	7 5	4	20 36	☌ ♁ ☾	♉	1 55	8 24	3 57
24	Tu	4 49	7 5	3	20 48	Capernicus died, 1543.	♉	2 26	9 12	4 49
25	We	4 48	7 6	3	20 59	☌ ☿ ☾ ☌ ♄ ☾ ☌ ♃ ☾	♉	3 1	10 1	5 41
26	Th	4 48	7 7	3	21 9	♁ in perihelion. Asc. Day.	♊	3 33	10 51	6 27
27	Fr.	4 47	7 8	3	21 19	Sun eclipsed, inv.	♊	Sets.	11 42	7 12
28	S.	4 47	7 8	3	21 19	☌ ☿ ☾ *Rainy.*	♋	7 38	0 34	7 55
22		**Sunday after Ascension.**						**Day's Length 14 hours 23 min.**		
29	B.	4 46	7 9	3	21 39	Bat. Waxhaw, S. C., 1780.	♋	8 45	1 24	8 37
30	Mo	4 46	7 9	3	21 48	☿ greatest Hel. Lat. N.	♌	9 28	2 13	9 22
31	Tu	4 46	7 9	3	21 56	Battle Seven Pines.	♌	10 3	3 00	10 4

Insure Against FIRE in the North Carolina Home Insurance Company, Raleigh.

Best fitting Dress Shirts in City at R. B. Andrews & Co.'s, Cloth'rs & Hatters.

CONJECTURES OF THE WEATHER.—By Herschel's Table—1, 2, 3, 4, 5, rainy and changeable; 6, 7, 8, 9, changeable; 10, 11, 12, rain; 13, 14, 15, 16, 17, 18, 19, fair; 20, 21, 22, changeable; 23, 24, 25, 26, changeable; 27, 28, 29, 30, 31, rainy.

Anecdotes.

—"Where's the molasses, Bill ?" said a red-haired woman sharply to her son, who had returned with an empty jug. None in the city, mother. Every grocery has a large board outside, with letters chalked on it, "N. O. Molasses.'"

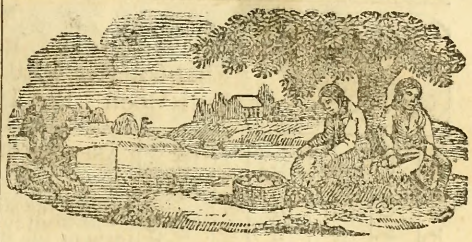
—A lady sent a note to the newspaper to get a receipt to cure the whooping cough in a pair of twins. By a mistake a receipt for pickled onions was unconsciously inserted and her name attached, and she received this answer through the "Answer to Correspondents."—Mrs. L. H. B.—If not too young, skin them pretty closely, immerse in scalding water, sprinkle plentifully with salt, and immerse them for a week in strong brine.

—A "fast" man undertook the task of teasing an eccentric preacher. "Do you believe," he said, "in the story of the prodigal son and the fatted calf!" "Yes" said the preacher. "Well, then, was it a male or a female calf that was killed?" "A female," promptly replied the divine. "How do you know that?" "Because," looking the interrogator steadily in the face, "I see the male is alive."

Hog Cholera.

Mr. J. B. Stanly, of Jones county, N. C., gives the following as a preventive for hog cholera: Mix together, one part coal tar, one part common pine tree tar and one part grease, and rub it on the hogs and the pen once a week, giving them in the mean time a little slack lime water to drink. Mr. Stanly says in a bunch of 20 hogs he had four with cholera, when he began to use the above remedy he never had another case.—*Kinston Journal.*

☞1 doz. papers Prem. Garden Seed assorted, given to sub. to N. C. FARMER.



Garden Calendar for May.

Attend to plantations of Cabbage, Cauliflower, &c., hoe them frequently and draw earth to the stems; thin out early plantings of Beets, Carrots, Parsnips and Salsify, and sow all kinds omitted last month. Transplant Cabbage, Beets, Lettuce, Tomato, Egg Plant, from hot beds to warm borders. Plant Beans, Bush or Bunch, for a succession, Lima, Carolina, and other pole Beans, Cabbage plants, sow seed if not done last month; also Carrot, Cauliflower, Cucumber, Indian Corn crops which have failed first sowing, repeat Melons, Mustard, Pepper, Peas, Potatoes, Pumpkins, Squash; sow cabbage for Winter, Corn plant for succession, finish sowing all kinds of Aromatic, Pot, Sweet and Medicinal Herbs.

Farm Notes for May.

TO KEEP the hoe busy between now and haying is to more than half insure the success of the crop.

HARVEST.—Every needed means for the approaching harvest should be made ready. Mowers, rakes, scythes, barns, stack bottoms, &c., should all be examined and put in order. Whatever help may be required should also be engaged beforehand.

RYE—Rye sown this month will make an excellent Summer pasture for milch cows and give a larger return of rich milk and butter than the wild, and coarse grasses and weeds of the woods.

POTATO SLIPS—Put out potato slips as fast as they come, and make them come rapidly by watering the beds copiously. Those set out early are surest of making large tubes. The best time to put out slips is just after a rain. An excellent plan for setting out slips is to take a barrel or hogshead, fill with corn cobs, then add liquid manure (water will do) until the cobs are covered. Let the cobs get fully saturated and when setting out, wrap the slips once or twice around the cob and bury it in the ridge or hill, leaving an end out to grow.

QUESTION.—What materials will make a good compost?

A. Marsh sod, lime and woods earth. The mixture will be improved by adding ashes or stable manure.

MOON'S PHASES.

	D.	H.	M.			D.	H.	M.	
First Quarter	4	10	5	p. m.	Last Quarter	18	4	5	p. m.
Full Moon	12	1	43	a. m.	New Moon	26	8	49	a. m.

Day of Mo.	Day of w'k.	Sun Rises.	Sun Sets.	Sun Fast.	Sun's declination.	ASPECTS OF PLANETS, &c. Dark of the Moon plant seed that fruit in the ground. Light of the Moon plant seed that fruit in the light.	Moon's Signs.	Moon Rises or Sets.	Moon South.	Tides at Smithville.
1	We	4 45	7 10	2	22° 5	Moon in Apogee.	♓	10 39	3 45	10 48
2	Th	4 45	7 11	2	22 13	Venus rises 3:04 a. m.	♓	11 7	4 29	11 32
3	Fr.	4 44	7 11	2	22 20	S. A. Douglas d,, 1861.	♓	11 37	5 11	Morn
4	S.	4 44	7 12	2	22 27	Conv. of 1835. *Fair.*	♈	Morn	5 53	0 15
23	**Whit Sunday.**							**Day's Length 14 hours 29 min.**		
5	B.	4 44	7 13	2	22 34	☌ ☿ ♄ Tranter C. Fi't,1862	♈	0 5	6 35	1 1
6	Mo	4 44	7 13	2	22 40	Spica S. 8h. 14m. p. m.	♈	0 32	7 20	1 48
7	Tu.	4 43	7 14	1	22 46	Mrs. Siddons died, 1831.	♉	1 2	8 7	2 43
8	We	4 43	7 14	1	22 52	Tom Paine died, 1809.	♉	1 37	8 58	3 35
9	Th	4 43	7 15	1	22 57	Venus at greatest brill'cy.	♉	2 14	9 53	4 35
10	Fr.	4 43	7 15	1	23 2	First Conf. sol. kill'd, 1861	♉	2 58	10 52	5 33
11	S.	4 43	7 16	1	23 6	St. Barnebas Day.	♊	3 53	11 53	6 28
24	**Trinity Sunday.**							**Day's Length 14 hours 33 min.**		
12	B.	4 43	7 16	1	23 10	Moon Eclipsed, vis.	♊	Rises.	Morn	7 21
13	Mo	4 43	7 17	0	23 14	Moon in Perigee. *Fair*	♋	8 48	0 58	8 14
14	Tu	4 43	7 17	0	23 17	Roman Consul elected.	♋	9 34	2 00	9 9
15	We	4 43	7 17	sl.	23 20	Arcturus S. 8h. 32m. p. m.	♌	10 14	2 58	10 2
16	Th	4 43	7 17	0	23 22	Napoleon eva. Russia,1812	♌	10 50	3 53	10 55
17	Fr.	4 43	7 18	1	23 24	Antares S. 10h. 36m.	♍	11 25	4 44	11 47
18	S.	4 44	7 18	1	23 25	*Fair.*	♍	11 56	5 34	0 40
25	**First Sunday after Trinity.**							**Day's Length 14 hours 34 min.**		
19	B.	4 44	7 18	1	23 26	☌ ☿ ♃ Maxmillian s. 1867	♎	Morn	6 22	1 35
20	Mo	4 44	7 18	1	23 27	Bat. Ramseur's Mill, 1780	♎	0 30	7 10	2 27
21	Tu	4 44	7 18	1	23 27	Sun enters can. Sum. Com.	♎	1 4	7 58	3 26
22	We	4 45	7 18	2	23 27	☌ ♃ ☾ ☌ ☿ ☾	♏	1 40	8 48	4 25
23	Th	4 45	7 19	2	23 26	Bat. Thrasymene,B.C.,217	♏	2 22	9 38	5 17
24	Fr.	4 45	7 19	2	23 25	St. John Baptist Day.	♐	3 6	10 29	6 9
25	S.	4 45	7 19	2	23 24	Stamp act rep. in N.C.,1766	♐	3 55	11 19	6 49
26	**Second Sunday after Trinity.**							**Day's Length 14 hours 33 min.**		
26	B.	4 46	7 19	2	23 22	☿ in Aphe. *Changeable.*	♑	Sets.	0 9	7 35
27	Mo	4 46	7 19	3	23 20	D. of Dr. Mitchell,1857	♑	8 4	0 56	8 12
28	Tu	4 47	7 19	3	23 18	Moon In Apogee.	♑	8 39	1 42	8 55
29	We	4 47	7 19	3	23 15	Magna Carta signed, 1215	♒	9 10	2 26	9 32
30	Th	4 48	7 19	3	23 11	Montezuma died, 1520.	♒	9 39	3 8	10 12

Fine Dress Suits a Specialty at R. B. Andrews & Co.'s, Cloth'rs & Hatt'rs.

CONJECTURES OF THE WEATHER.—By Hersehel's Table—1, 2, 3, fair; 4, 5, 6, 7, changeable; 8, 9, 10, 11, fair; 12, 13, 14, 15, 16, 17, fair; 18, 19, 20, warm; 21, 22, 23, 24, 25, fair; 26, 27, 28, 29, 30, changeable.

Anecdotes.

—A man passing along a road saw a countryman standing beneath a persimmon tree, holding in his hands a pole raised aloft with a little pig attached to the end, which was feasting upon the persimmons in the tree. He asked: "What are you doing there?" "Sister Sal is going to get married, and I'm fattenin' this pig for the weddin'."

—An old farmer's son returned from college. He talked finely about the dignity of labor and the chemical constituents of the soils. Spring wore into summer and summer into autumn, and no useful result came from his dissertations. One night at family prayer the old farmer exclaimed: "O Lord! thou hast given John a power of book larnin'; but, we pray thee, give him a little more gumption, too."

—A countryman going down town with a load of pork was met by a young girl, who genteelly made him a very low curtesy.. He exchaimed: "What, do you make curtesy to deed hogs?" "No, sir," answered she—"to the live ones."

Measuring Hay.

To find the number of tons in long or square stacks, the following is the rule: Multiply the length in yards by the width in yards, and that by half the altitude in yards, and divide the product by 15. To find the number of tons in circular stacks: Multiply the square of the circumference yards by four times the altitude in yards, and divide by 100. The quotient will be the number of cubic yards in the stack. Then divide by 15 to get the number of tons.—*Michigan Farmer.*

☞ Every subscriber to the N. C. FARMER gets one dozen papers of Buist's Garden Seeds, assorted.

Garden Calendar for June.

Plant Kidney Beans, Peas, Pumpkin seed, Summer Radish, Beets, thin out the latter planted; sow Tomato for a succession; sow Beets and Carrots, transplant Cabbage, Celery; Cucumbers, Melons and Squashes may be planted for a succession, also Corn; as herbs come into flower they should be cut and put in a shady place to dry. The chief labor of the Garden had better be directed to what is already in growth.

Farm Notes for June.

RUTA BAGAS may be sown this month, two pounds per acre, sow in drills 27 to 30 inches apart.

MAKE all the hay you can and stop paying tribute to Northern farmers for poor hay.

CLOVER HAY is worth more when cut early than when cut late.

PLANT pumpkins between the hills of corn where the plow is not to run again. Pumpkins is a paying feed crop.

TURN HOGS in orchards to devour the fallen fruit which contains the curculio. This is one of the means of destroying this pest.

WHEN failures occur in corn or potato rows, plant peas, beans, pumpkins, ruta bagas or something to feed the stock or family.

EARLY AMBER SUGAR CANE may be planted this month and make a crop.

CURING HAY in the cock is preferable to sun drying. The sweating and fermentation improve, and prevent heating in the mow or stack.

CORN.—Late workings of corn should be shallow so as not to injure the roots.

COTTON should have frequent plowings and as much hoeing as may be necessary to keep it clean—frequent plowings make rapid growth.

Q. The moles destroyed nearly one-half of my Chufa crop last season. Can you give me a remedy for them?

A. Soak corn until it is soft, then with a pen knife open each kernel and place within a small dose of strychnine and close up again. Open a hole through the dirt over their roads, drop in the corn and cover again.

MOON'S PHASES.

	D.	H.	M.		D.	H.	M.
First Quarter	4	0	2 p. m.	Last Quarter	18	0	20 a. m.
Full Moon	11	8	59 a. m.	New Moon	26	0	4 a. m.

Day of Mo.	Day of w'k.	Sun Rises.	Sun Sets.	Sun Slow.	Sun's declination.	ASPECTS OF PLANETS, &c.	Moon's Signs.	Moon Rises or Sets.	Moon South.	Tides at Smithville.
						Dark of the Moon plant seed that fruit in the ground. Light of the Moon plant seed that fruit in the light.				
1	Fr.	4 48	7 19	4	23° 7	Sun in Apogee.	♐	10 8	3 50	10 52
2	S.	4 48	7 19	4	22 3	Venus rises 2.11 a. m.	♐	10 36	4 32	11 35
27		**Third Sunday after Trinity.**							**Day's Length 14 hours 30 min.**	
3	B.	4 49	7 19	4	22 58	Dog Days Begin.	♐	11 5	5 14	Morn
4	Mo	4 49	7 19	4	22 53	Independence Day.	♑	11 36	5 59	0 18
5	Tu	4 50	7 19	4	22 48	Crusade of Jerus.,1100	♑	Morn	6 47	1 8
6	We	4 50	7 19	4	22 42	♂ ♄ ♄	♒	0 9	7 38	2 4
7	Th	4 51	7 18	5	22 36	Romulus died, 715 B. C.	♒	0 48	8 34	3 1
8	Fr.	4 51	7 18	5	22 29	Vega S. 11h. 21m. p. m.	♓	1 39	9 34	4 7
9	S.	4 52	7 18	5	22 22	Z. Taylor died, 1850.	♓	2 34	10 37	5 13
28		**Fourth Sunday after Trinity.**							**Day's Length 14 hours 25 min.**	
10	B.	4 53	7 18	4	22 15	Battle Macklen, 1791.	♈	3 40	11 40	6 17
11	Mo	4 53	7 17	5	22 7	M'n in Perig. *Change-*	♈	Rises.	Morn	7 10
12	Tu	4 54	7 17	5	21 59	♀ greatest elong. W.	♉	8 9	0 42	8 3
13	We	4 54	7 16	5	21 50	Council of Nice, 325. *able.*	♉	8 48	1 40	8 53
14	Th	4 55	7 16	6	21 41	Antares S. 8h. 45m p. m.	♊	9 24	2 35	9 41
15	Fr.	4 56	7 15	6	21 32	Protestant Manifesto,1546	♊	9 58	3 27	10 30
16	S.	4 57	7 15	6	21 22	Amadas&B.e.Trin.H.1584	♊	11 20	4 17	11 20
29		**Fifth Sunday after Trinity.**							**Day's Length 14 hours 17 min.**	
17	B.	4 57	7 14	6	21 12	♂ ☿ ☉ inf.	♋	11 5	5 6	0 10
18	Mo	4 58	7 14	6	21 2	Bat.Allia,B.C.390.*fair*	♋	11 43	5 55	1 4
19	Tu	4 59	7 13	6	20 51	♂ ♄ ☾ ♂ ♄ ☾	♌	Morn	6 45	2 2
20	We	4 59	7 12	6	20 40	♂ ♃ ☾	♌	0 11	7 35	2 58
21	Th	5 00	7 12	6	20 28	♂ ♀ ☾ N.C. ad.F.Cons.1778	♍	1 4	8 26	3 59
22	Fr.	5 00	7 11	6	20 17	♂ ♄ ♃ Brit. ta. Gibral.1704	♍	1 51	9 16	4 55
23	S.	5 1	7 11	6	20 4	1st Newsp'r in Eng., 1588.	♎	2 43	10 6	5 46
30		**Sixth Sunday after Trinity.**							**Day's Length 14 hours 8 min.**	
24	B.	5 2	7 10	6	19 52	☿ greatest Hel. Lat. S.	♎	3 37	10 54	6 30
25	Mo	5 3	7 9	6	19 39	T. A. Kempis died, 1471.	♎	4 33	11 40	7 10
26	Tu	5 4	8 8	6	19 26	Moon in Apogee. *Fair*	♏	Sets.	0 25	7 46
27	We	5 4	7 8	6	19 13	☿ stationary.	♏	7 42	1 7	8 23
28	Th	5 5	7 7	6	18 59	Battle Angora, 1402.	♐	8 13	1 49	8 58
29	Fr.	5 6	7 6	6	18 45	Van Tromp defeated, 1653.	♐	8 39	2 31	9 37
30	S.	5 7	7 5	6	18 30	Wm. Penn died, 1781.	♐	9 7	3 13	10 17
31		**Seventh Sunday after Trinity.**							**Day's Length 13 hours 56 min.**	
31	B.	5 8	7 4	6	18 15	London Br. comp'd, 1831.	♑	9 36	3 56	10 58

Alpaca Frock and Sack Coats, Cheapest in the City, at R. B. Andrews & Co.'s, Clothiers and Hatters.

North Carolina State Library

AGENTS WANTED FOR NEW HOME SEWING MACHINE—LIBERAL TERMS—J. L. STONE, GENERAL AGENT, RALEIGH, N. C,

CONJECTURES OF THE WEATHER.—By Herschel's Table—1, 2, 3, changeable; 4, 5, 6. 7, 8, 9, 10, very rainy; 11, 12, 13, 14, 15, 16, 17, changeable and warm; 18, 19, 20, 21, 22, 23, 24, 25, fair and warm; 26, 27, 28, 29, 30, 31, fair.

Anecdotes.

—A lightning rod peddler having died recently, his widow had him cremated. She sifted enough brass out of his ashes to make a door-knocker.

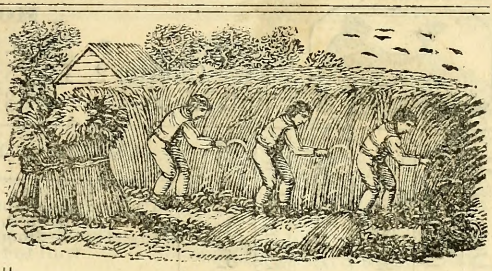
—The wife of a defeated candidate the day after the election presented her husband with triplets. He did not arrive at home until the next day, when he was shown his offspring, one at a time until all three had been exhibited, when looking quizzingly down at his wife, he asked: "Are the returns all in, M'riah?"

—A nice, pious old man thought his oxen laid out strength brushing away flies, that might be used hauling the corn plow, so he tied bricks to their tails. The plan worked well until one of the bricks struck the old man on the head, when he was carried to the house on a door. He said he hadn't thought of that contingency. The oxens' tails are loose now, and the old man has had his brains soldered with silver.

Beautiful Whitewash.

The following is a recipe for making a beautiful whitewash: To five gallons of whitewash made of well burned lime, add a quarter of a pound of whiting, half a pound of loaf sugar, one quart and a half of rice flour made to a thin and well cooked paste, and half a pound of white glue dissolved in water. Apply warm. Previously scrape off the old scaly whitewash. This is like kalsomine and gives a brilliant and lasting effect.

The Thomas Smoothing Harrow is for sale by James H. Enniss, EDITOR N. C. FARMER, *agent of the Thomas Smoothing Harrow Co., Raleigh, N. C. Send for circular and prices.*



Garden Calendar for July.

Transplant Cabbage, Endive, Leeks, Pepper plants, Cauliflower and Brocoli; sow Carrots and Parsnips if needful, sow Endive for early crop, a few Turnips may be sown; transplant Celery for an early supply, and prepare trenches for the main crop. Spinach may be sown towards the last of the month. Irish Potatoes plant, Cucumbers for pickles plant, plant Beans, sow Cabbage seed for Collards, sow Summer Radish in drills, sow Turnip-rooted Cabbage seed, cut Fennel, Mint, Parsley, Sweet Majoram, Thyme, Winter Savory, Cut herbs for Winter use as they come into flower.

Farm Notes for July.

—SHALLOW PLOWING for corn and cotton, cutting the roots now will damage the crops.

—AS A RULE, it is best to sell grain crops immediately after harvesting, as they lose by drying. Wheat sold in the fall at $1.32 is equal to $1.50 next spring, and unshelled corn in the fall at 75 cts. is equal to $1.00 the following summer

—IE YOU intend to sow wheat this fall and want a good crop next year, sow down peas this month or next, on the land intended for it and plow under at the proper time. The pea contains just the food elements that wheat needs, and is the best green crop fertilizer for it.

—SOW PEAS among your corn to plow under. According to Prof. Emmons, peas are better than clover with the advantage of benefit in four months, while clover requires eighteen months. Mr. Jonathan H. Jacocks, of Durant's Neck, Perquimans county, N. C., tells us that he sows peas among his corn and has better corn crops every year. Try the pea and save the money spent for commercial fertilizers.

—WHEN PLANTINGS or slips of the sweet potato cannot be had, cuttings from growing vines about a foot in length may be set out during the month and will make good potatoes if the season is favorable.

—AFTER heavy rains the vines of potatoes should be loosened from the ground, or they will root and the energies of the plant be expended in forming small potatoes in the middles.

Trusses and Surgical Instruments at Pecud, Lee & Co.'s Drug Store, Raleigh, N. C,

J. L. STONE, GENERAL AGENT NEW HOME SEWING MACHINE, RALEIGH, N. C.

See page 43.

8th Month. AUGUST, 1881. 31 Days.

MOON'S PHASES.

	D.	H.	M.			D.	H.	M.	
First Quarter	2,	11	28	p. m.	Last Quarter	16,	11	44	a. m.
Full Moon	9,	3	53	p. m.	New Moon	24,	3	31	p. m.

Day of Mo.	Day of w'k.	Sun Rises.	Sun Sets.	Sun Slow.	Sun's declination.	ASPECTS OF PLANETS, &c.	Moon's Signs.	Moon Rises or Sets.	Moon South.	Tides at Smithville.
						Dark of the Moon plant seed that fruit in the ground, Light of the Moon plant seed that fruit in the light.				
1	Mo	5 8	7 4	6	18° 1	Battle of the Nile, 1798.	♌	10 7	4 41	11 44
2	Tu	5 9	7 3	6	17 46	☽ Venus rises 2h. 58m. a. m.	♌	10 44	5 30	Morn
3	We	5 10	7 2	6	17 30	Battle Platea, 479 B. C.	♍	11 28	6 22	0 36
4	Th	5 11	7 1	6	17 14	Bell Moscow raised 1836. *Fair*	♍	Morn	7 19	1 35
5	Fr.	5 12	7 00	6	16 58	Bat. Baton Rouge, 1862.	♎	0 19	8 19	2 42
6	S.	5 12	6 59	6	16 42	TRANSFIGURATION.	♎	1 17	9 20	3 52
32	**Eighth Sunday after Trinity.**							**Day's Length 13 hours 46 min.**		
7	B.	5 13	6 58	6	16 25	Bat. Thermopylae, 480 B. C.	♎	2 21	10 22	4 59
8	Mo	5 14	6 57	5	16 8	Spanish Armada des., 1588.	♏	3 35	11 21	6 2
9	Tu	5 15	6 56	5	15 57	☽ Moon in Perigee. *Change-*	♏	Rises.	Morn	6 51
10	We	5 16	6 55	5	15 33	☽ Madagasca dis., 1506. *able*	♐	7 18	0 19	7 40
11	Th	5 16	6 53	5	15 16	END OF DOG DAYS.	♐	7 53	1 13	8 29
12	Fr.	5 17	6 52	5	14 56	Bat. Ascalon, 1099.	♑	8 27	2 6	9 15
13	S.	5 18	6 51	5	14 39	Cortez takes Mexico, 1521.	♑	9 3	2 57	10 1
33	**Ninth Sunday after Trinity.**							**Day's Length 13 hours 31 min.**		
14	B.	5 19	6 50	5	14 21	1st Book ever printed, 1457.	♒	9 38	3 48	10 50
15	Mo	5 20	6 49	4	14 2	☌ ♃ ☾ Napoleon born, 1769.	♒	10 18	4 39	11 42
16	Tu	5 20	6 47	4	13 43	☽ ☿ in perihelion. ☌ ♃ ☾	♓	11 4	5 30	0 36
17	We	5 21	6 46	4	13 24	☽ ☌ ♄ ☾ *Frequent showers.*	♓	11 52	6 21	1 34
18	Th	5 22	6 45	4	13 5	Birth of Virginia Dare, 1587.	♓	Morn	7 12	2 29
19	Fr.	5 23	6 44	4	12 46	Thebes demol., B. C. 335.	♓	0 41	8 2	3 30
20	S.	5 23	6 43	3	12 26	☌ ♀ ☾	♈	1 34	8 51	4 28
34	**Tenth Sunday after Trinity.**							**Day's Length 13 hours 17 min.**		
21	B.	5 24	6 41	3	12 6	Southampton Massacre, 1831	♈	2 27	9 38	5 17
22	Mo	5 24	6 40	3	11 46	Moon in Apogee.	♉	3 22	10 23	6 3
23	Tu	5 25	6 39	3	11 25	Wm. Wallace executed, 1305.	♉	4 21	11 6	6 42
24	We	5 26	6 38	2	11 5	☽ ☌ ☿ ☾ ♄ stat'ry. *Change-*	♊	Sets.	11 49	7 15
25	Th	5 27	6 36	2	10 44	☽ Prov. Con. Newbern, 1774	♊	6 44	0 30	7 51
26	Fr.	5 27	6 35	2	10 24	☿ greatest Hel. Lat. N. *able.*	♋	7 12	1 12	8 28
27	S.	5 28	6 33	1	10 3	Hatteras bombarded, 1861.	♋	7 41	1 55	9 4
35	**Eleventh Sunday after Trinity.**							**Day's Length 13 hours 3 min.**		
28	B.	5 29	6 32	1	9 41	Hugo Gratias died, 1645.	♋	8 11	2 40	9 46
29	M.	5 30	6 31	1	9 20	2d. Battle Manassas, 1862.	♌	8 48	3 27	10 30
30	Tu	5 30	6 30	1	8 59	Cleopatra died, 30 B. C.	♌	9 28	4 17	11 20
31	We	5 31	6 28	0	8 37	☌ ☿ ☉ Sup. Bunyan d. 1688.	♍	10 13	5 11	Morn

THE AGRICULTURAL INSURANCE COMPANY WILL INSURE FARMERS GINS

A full line of Summer Underwear at low prices at R. B. Andrews & Co's

PIANOS AND ORGANS SOLD ON LIBERAL TERMS, J. L. STONE, RALEIGH.

CONJECTURES OF THE WEATHER.—By Herschel's Table—1, 2, 3, 4, fair and warm; 5, 6, 7, 8, fair; 9, 10, 11, 12, 13, changeable; 14, 15, changeable; 16, 17, 18, 19, 20, 21, 22, 23, frequent showers; 24, 25, 26, 27, 28, 29, 30, 31, changeable.

Anecdotes.

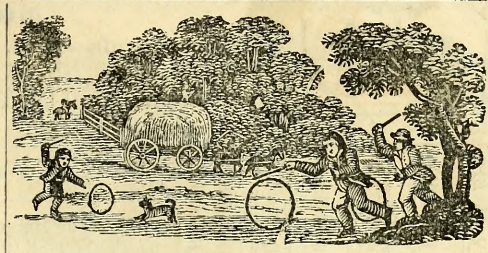
—A farmer calling at the Treasury office in Washington, to invest in Government bonds, the clerk asked what denomination he wanted. "Well," said he, after reflecting a minute, "I'm a Presbyterian and I'll take some of that sort; but, to please the old woman, you may give me a right smart lot of the Hardshell Baptist kind."

—Two Hibernians were passing a stable which had a rooster on it for a weather-vane, when one addressed the other thus: "Pat, what's the r'ason they didnt put a hin up thar instead of a rooster?" "An' sure," replied Pat, "that's aisy enough: don't you see it would be inconvenient to go for the eggs!"

—"But you know, pa," said a farmer's daughter, when he spoke to her about the addresses of his neighbor's son, "you know, pa, that ma wants me to marry a man of culture!" "So do I, my dear, so do I, and there is no better culture in the country than agriculture."

A Good Black for Restoring Harness.

A good black for restoring harness and wagon tops is made of one half oz. of fine glue, one-half oz. of indigo, eight oz. extract of logwood, four oz. common soft soap, and one quart of pure cider vinegar. The glue must first be soaked in water until it is soft, but not dissolved; then mix the whole mass together over a slow fire, stirring until all is thoroughly mixed. In using it first cleanse the leather with tepid water and crown soap; when the leather is dry apply the black with a soft brush, using a little harder brush for polishing.



Garden Calendar for August.

Plant Peas and Beans; prepare ground for Turnips, Spinach, Shallots, and sow Cabbage seed to head in November, large York and Early Dwarf Flat Dutch are excellent varieties at this season; sow Collard seed; earth up Celery, Brocoli and Cauliflower sow, and transplant from an early sowing; Onion sets to stand winter. Carrots sow, Squash sow, Ruta Baga sow, Turnips for table use at intervals, Potatoes plant for winter use. Lettuce drill for heading, sow Lettuce for Autumn use, Radishes sow from time to time, Beets may be sown for Winter supply, but as the seed vegetate with difficulty at this season, repeat until successful, cut sage and other herbs, gather seeds and prepare ground for late crops.

Farm Notes for August.

—THE SUMMER WORK of most crops being over, attention should now be given to other farm matters.

—CLEAR UP swamps and low-lands. Grub up brier roots and stumps, and, when dry, burn. Dynamite is good to clear stumps.

—IF BOTTOM lands are dry enough ditches should be cleaned out and new ones opened where required.

—PUT IN a heavy turnip crop, on land specially prepared. A good dressing of superphosphate makes them start off quickly in growth.

—REMEMBER that deep plowing for wheat where the soil admits of it, is a great protection against *winter killing*. The breaking up of the subsoil or hard pan allowing the water to escape below the roots, prevents the alternate freezing and thawing of the rootlets of the plant.

—THERE IS great advantage in harrowing after plowing, as it more thoroughly divides and pulverizes the soil. The finer the soil the more readily the roots of the plants spread out and obtain their food. The THOMAS SMOOTHING HARROW we recommend to all farmers, because we know its great value for this and other farm purposes.

The Cheapest place in the State to buy Drugs is at Pescud Lee & Co.'s, Raleigh, N. C.

AVERAGE SALE, NEW HOME SEWING MACHINE, 125 PER MONTH, J. L. STONE, GENERAL AGENT, RALEIGH, N. C.

See page 42.

9th Month. # SEPTEMBER, 1881. **30 Days.**

MOON'S PHASES.

	D.	H. M.		D.	H. M.
☽ First Quarter	1,	8 48 a. m.	☾ Last Quarter	15,	2 47 a. m.
○ Full Moon	7,	11 25 p. m.	● New Moon	23,	6 40 a. m.
			☽ First Quarter	30	4 34 p. m.

Day of Mo.	Day of w'k.	Sun Rises.	Sun Sets.	Sun Fast.	Sun's declination.	ASPECTS OF PLANETS, &c.	Moon's Signs.	Moon Rises or Sets.	Moon South.	Tides at Smithville.
						Dark of the Moon plant seed that fruit in the ground. Light of the Moon plant seed that fruit in the light.				
1	Th	5 32	6 27	0	8°15	Venus rises 3h.26m.p.m.	♋	11 7	6 8	0 15
2	Fr.	5 33	6 26	1	7 54	London b.,1606. *Change-*	♋	Morn	7 6	1 17
3	S.	5 34	6 25	1	7 32	Knoxville taken, 1863. *able.*	♋	0 7	8 6	2 23
36	**Twelfth Sunday after Trinity.**							**Day's Length 12 hours 48 min.**		
4	B.	5 35	6 23	1	7 9	Morgan killed, 1864.	♋	1 14	9 4	3 34
5	M.	5 35	6 22	1	6 47	1st Theatre in U. S., 1752.	♌	2 27	10 2	4 41
6	Tu	5 36	6 20	2	6 25	Moon in Perigee.	♌	3 39	10 57	5 42
7	We	5 37	6 19	2	6 2	Jerusalem des., 70. *Fair.*	♌	Rises.	11 51	6 33
8	Th	5 38	6 17	2	5 40	Death of Gov. Hyde.1712	♌	6 23	Morn	7 15
9	Fr.	5 39	6 16	3	5 17	Great storm at Newbern,1769	♍	6 57	0 43	8 4
10	S.	5 39	6 14	3	4 54	Battle Lake Erie, 1813.	♍	7 33	1 36	8 49
37	**Thirteenth Sunday after Trinity.**							**Day's Length 12 hours 33 min.**		
11	B.	5 40	6 13	3	4 32	Mexicans enter Texas, 1842.	♎	8 12	2 28	9 34
12	M.	5 41	6 11	4	4 9	☿ ♄ ☾ Turks ro'd Vien'a 1683	♎	8 56	3 20	10 23
13	Tu	5 42	6 10	4	3 46	☿ ♃ ☾ Capt. Gov. Burke,1781	♎	9 44	4 13	11 15
14	We	5 42	6 8	4	3 23	♃ stationery.	♏	10 33	5 5	0 9
15	Th	5 43	6 7	4	3 00	☿ ♄ ☾ *Cold, with showers.*	♏	11 26	5 56	1 5
16	Fr.	5 43	6 5	5	2 36	Harpers Ferry ca.,1862.	♐	Morn	6 46	2 3
17	S.	5 44	6 4	5	2 13	Battle Sharpsburg, 1862.	♐	0 23	7 34	2 57
38	**Fourteenth Sunday after Trinity.**							**Day's Length 12 hours 18 min.**		
18	B.	5 45	6 3	6	1 50	Moon in Apogee.	♐	1 15	8 19	3 52
19	M.	5 46	6 1	6	1 27	Battle Iuka, 1862.	♐	2 12	9 3	4 40
20	Tu	5 46	6 00	7	1 3	☿ ♀ ☾ Bat. Valmy, 1792.	♑	3 9	9 46	5 28
21	We	5 47	5 58	7	0 39	Great fire in N. Y., 1776.	♑	4 5	10 28	6 8
22	Th	5 48	5 57	7	0 16	Sun enters Lib. AUT. COM.	♑	5 2	11 11	6 47
23	Fr.	5 49	5 55	8	So'th	*Wind and*	♒	Sets.	11 54	7 20
24	S.	5 50	5 54	8	0 30	☿ ☿ ☾ *rain.*	♓	6 15	0 38	7 59
39	**Fifteenth Sunday after Trinity.**							**Day's Length 12 hours 3 min.**		
25	B.	5 50	5 53	8	0 54	Ethan Allen capt.,1777.	♓	6 48	1 25	8 38
26	M.	5 51	5 51	9	1 17	Gen. Davis'fight at Char.1780	♈	7 25	2 15	9 21
27	Tu	5 52	5 49	9	1 40	Artic foundered, 1854.	♈	8 11	3 8	10 12
28	We	5 53	5 48	9	2 4	Diligence bri'gs Stamps,1765	♉	9 4	4 3	11 5
29	Th	5 54	5 46	10	2 27	☿ in aphelion.	♉	10 3	5 0	Morn
30	Fr.	5 54	5 45	10	2 51	Yel'w F. Wil'n,1862 *Fair*	♉	11 6	5 58	0 4

TOBACCO BARNS CAN BE INSURED IN THE AGRICULTURAL INSURANCE CO

Boys & Children's Clothing in great variety at R. B. Andrews & Co's.

THE CHEAPEST AND BEST SEWING MACHINE IN USE IS THE NEW HOME, J. L. STONE, GENERAL AGENT, RALEIGH, N. C.

CONJECTURES OF THE WEATHER.—By Herschel's Table—1, 2, 3, 4, 5, 6, changeable; 7, 8, 9, 10, 11, 12, 13, 14, fair; 15, 16, 17, 18, 19, 20, 21, 22, cold with showers; 23, 24, 25, 26, 27, 28, 29, wind and rain; 30, fair.

Anecdotes.

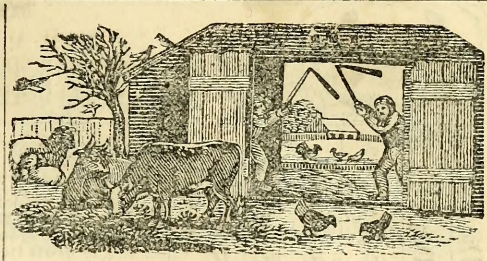
—A Northern minister was introduced to a colored minister, and inquired after his work. "I preaches, sah, on Colonel Gorden's plantation." "How many colored people have you there?" "Well, sah, about one hundred and seventy-five." "And how many have you in the church?" "Dat 'pends, sah, altogether on the time of the year; on the backsliding time dere's nobody members but Uncle Billy and old Aunt Katie."

—Railroad men tell a story of a woman who had lived for years in the upper part of the State, and knew little of hotel life and usages, and who recently paid a visit to Chicago. She had previously heard of telegraphic messages being unexpectedly received by travelers from their friends, conveying news of sickness, death, or business disaster. When, therefore, the waiter placed before her a bill of fare, she thought of her husband, burst into tears, and shrieked, "My God, a dispatch from Jake!"

Cure for Murrain.

We find it easily cured. Equal parts of spirits turpentine, spirits of ammonia, spirits of camphor, linseed oil, laudanum and arnica mixed well and used as a liniment twice a day, will cure the worst cases. Salts should be used internally once or twice. If scours appear use pulverized alum.—W. S. FOWLKES, Rockingham, N. C., in N. C. FARMER.

☞N. W. CRAWFORD, Esq., Elizabeth City, N. C., writes: "*Your paper gains favor constantly in our section. I think it the best farmers journal I ever saw. A long life to the N. C. Farmer.*"



Garden Calendar for September.

The work in the garden is again commenced in earnest. Draw up earth to the pea vines, and stick as they advance; it is not too late to plant Beans; transplant Cabbage sown last month; Early York and large York Cabbage may still be sown; towards the end of this month sow Drumhead, Flat Dutch and Drumhead Savoy Cabbage seed to come up early in the Spring, and to secure a good supply sow liberally; transplant Cauliflower and Broccoli; sow Turnips; Potatoes planted last month will require culture; Onions may be sown for a general crop, if buttons to plant are not on hand; Carrots sown now will be fit for use in December; Spinach may be sown from time to time; Celery plants need tillage; Lettuce may be transplanted, sow Radishes frequently.

Farm Notes for September.

AUTUMN CROPS.—Oats, clover, rye and barley grazing lots, and the grasses, should be seeded down this month. Sow thin lands first.

CUTTING CORN.—Every day the corn remains uncut after maturity there is loss. Corn gains nothing by standing after the kernels are glazed, but the fodder loses rapidly in quality.

PICKING COTTON.—Begin early and keep right up with the cotton. Begin saving seed from the second picking for next year's planting Sun the seed before storing away.

SEEDING WHEAT.—From the 15th of Sept. to the 15th of October is the most favorable time in this latitude. Soil in which clay predominates is best, and a rolling surface preferred, as from better drainage it is less liable to rust. A thorough preparation of the soil by plowing, harrowing and manuring, is of great importance. Manures rich in nitrogen and phosphoric acid are best for wheat. The THOMAS SMOOTHING HARROW covers the seed deep enough, and if used two weeks after sowing and repeated twice or thrice will increase the yield from five to ten bushels per acre. Harrowing wheat should be done when the land is dry. To prevent smut, soak in bluestone water. 16 ounces of bluestone to 10 galls. hot water for 10 bushels.

For Reliable Drugs and Medicines go to Pescud, Lee & Co., Raleigh.

J. L. STONE, DEALER IN ALL KINDS OF SEWING MACHINES, FIXTURES, &c.
RALEIGH, N. C.

10th Month. OCTOBER, 1881. 31 Days.

MOON'S PHASES.

	D.	H.	M.		D.	H.	M.	
Full Moon	7,	8	45	a. m.	New Moon	22,	9	17 p. m.
Last Quarter	14,	9	12	p. m.	First Quarter	29,	11	33 p. m.

NO MAN HAS SECURED A HOME UNTIL IT IS INSURED—See page 42.

Day of Mo.	Day of w'k.	Sun Rises.	Sun Sets.	Sun Fast.	Sun's declination.	ASPECTS OF PLANETS, &c. Dark of the Moon Plant seed that fruit in the ground. Light of the Moon plant seed that fruit in the light.	Moon's Signs.	Moon Rises or Sets.	Moon South.	Tides at Smithville.
1	S.	5 55	5 43	10	3°14	Abraham called, B. C. 2016	♌	Morn	6 55	1 7
40	**Sixteenth Sunday after Trinity.**					**Day's Length 11 hours 46 min.**				
2	B.	5 56	5 42	11	3 37	Venus rises 3h. 19m. a. m.	♌	0 12	7 50	2 12
3	M.	5 57	5 41	11	4 00	Robert Barclay died, 1690.	♌	1 21	8 44	3 18
4	Tu	5 58	5 39	11	4 24	Moon in Perigee.	♌	2 31	9 37	4 14
5	We	5 59	5 38	12	4 47	Battle Thames, 1813.	♍	3 40	10 29	5 16
6	Th	6 00	5 36	12	5 10	Battle Kings Mountain, 1780	♍	4 51	11 21	6 9
7	Fr.	6 1	5 35	12	5 33	B. Lepanto, 1571. *Change-*	♎	Rises.	Morn	6 51
8	S.	6 2	5 34	12	5 56	4th Ch'rch Coun. 451. *able*	♎	6 8	0 14	7 40
41	**Seventeenth Sunday after Trinity.**					**Day's Length 11 hours 29 min.**				
9	B.	6 3	5 32	13	6 19	☌ ♄ ☾ Sweden ab. slaves, 1847	♏	6 48	1 7	8 23
10	M.	6 3	5 31	13	6 41	☌ ♃ ☾ Bat. Saalfield, 1806.	♏	7 35	2 0	9 9
11	Tu	6 4	5 29	13	7 4	Sam'l Wesley died, 1837.	♐	8 26	2 54	9 58
12	We	6 5	5 28	13	7 27	Yeoman Col. at Cape F., 1664	♐	9 17	3 47	10 49
13	Th	6 6	5 27	14	7 49	☌ ♁ ☾ Napol'n at St. He. 1815.	♑	10 12	4 38	11 41
14	Fr.	6 7	5 25	14	8 12	*Fair if wind N. W.*	♑	11 7	5 27	0 33
15	S.	6 8	5 24	14	8 34	*Rain if wind S. W.*	♑	Morn	6 14	1 23
42	**Eighteenth Sunday after Trinity.**					**Day's Length 11 hours 13 min.**				
16	B	6 9	5 22	14	8 56	Moon in Apogee.	♒	0 4	6 59	2 16
17	M.	6 10	5 21	15	9 18	☿ in perihelion.	♒	1 0	7 42	3 5
18	Tu.	6 11	5 20	15	9 40		♓	1 55	8 24	3 57
19	We	6 12	5 19	15	10 2	Battle Zama; B. C. 202.	♓	2 50	9 6	4 43
20	Th	6 13	5 17	15	10 24	☌ ☿ ☾ Bat. Salamis, B.C. 480	♓	3 40	9 49	5 29
21	Fr.	6 14	5 16	15	10 45	*Fair if wind N. W.*	♈	4 46	10 33	6 13
22	S.	6 15	5 15	15	11 6	*Rain if wind S. W.*	♈	Sets.	11 20	6 50
43	**Nineteenth Sunday after Trinity.**					**Day's Length 10 hours 58 min.**				
23	B.	6 16	5 14	16	11 27	Smithson's Will, 1826.	♉	5 27	0 9	7 35
24	M.	6 16	5 13	16	11 48	☌ ☿ ☾ Tycho Brahe d., 1601.	♉	6 11	1 2	8 18
25	Tu.	6 17	5 11	16	12 9	Demosthenes died, 322.	♉	7 0	1 58	9 7
26	We	6 18	5 10	16	12 30	Noah ent. the Ark, A.M. 1656	♊	7 57	2 55	9 59
27	Th	6 19	5 9	16	12 50	☿ stationary. *Changeable.*	♊	8 59	3 53	10 55
28	Fr.	6 20	5 8	16	13 10	Bat. White Plains, 1776.	♋	10 2	4 50	11 54
29	S.	6 21	5 7	16	13 30	Raleigh beh'd, 1618. *Fair*	♋	11 12	5 45	Morn
44	**Twentieth Sunday after Trinity.**					**Day's Length 10 hours 45 min.**				
30	B.	6 21	5 6	16	13 50	Earthquake at Zinta, 1840.	♌	Morn	6 39	0 54
31	Mo	6 22	5 5	16	14 10	Moon in Perigee.	♌	0 20	7 30	1 52

Fall Suits, Latest Styles, at R. B. ANDREWS & CO'S, Clothiers and Hatters, Raleigh, N. C.

MONEY MADE BY SELLING THE NEW HOME MACHINE, AGENTS WANTED, J. L. STONE, GENERAL AGENT, RALEIGH, N. C.

CONJECTURES OF THE WEATHER.—By Herschel's Table—1, 2, 3, 4, 5, 6, fair: 7, 8, 9, 10, 11, 12, 13, changeable; 14, 15, 16, 17, 18, 19, 20, 21, fair if wind N. w., rainy if wind s. w.; 22, 23, 24, 25, 26, 27, 28, fair if wind n. w., rainy if wind s. w.; 29, 30, 31, fair.

Anecdotes.

—An Irishman called on a lady and gentleman, in whose employ he was for the purpose of getting some tea and tobacco. "I had a drame, last night, yer honor," said he to the gentleman.

"What is it, Pat?"

"Why, I dramed yer honor made me a present of a pound of tobaccy, and her ladyship there—heaven bless her!—gave me some tay for the good wife."

"Ah, Pat, dreams go by contraries, you know," said the gentleman."

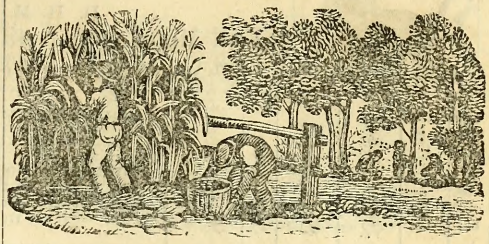
"Faith, and they may say that," said Pat; "so her ladyship is to give the tobaccy and his honor the tay!"

—A colored voter in Mobile had been employed on election day by a merchant to take some kerosene oil to the Mobile and Ohio Railroad depot for shipment. He informed the gentleman who employed him that he was going to vote the Democratic ticket, wouldn't think of voting any other. On his return from the depot he was asked for the receipt for the kerosene oil. Putting his hand into his pocket he pulled out a Citizen's ticket. "This isn't the receipt," exclaimed the merchant.

"Bless de Lord," was the response, "I done gone and voted de kerosene oil ticket."

Kerosene and Lard for Lice.

A mixture of kerosene and lard will remove lice if it is well applied. It should be used all over the skin and brushed into the hair thoroughly. It will be more effectual if some sulphur is added to it. Take one pound of lard, one pint of kerosene oil and four ounces of flower of sulphur, rub these well together.



Garden Calendar for October.

Beans planted last month cultivate; Cabbage transplant, also Cauliflower and Broccoli; Turnips hoe; Onions sown last month will be ready to transplant, small Bulb Onions set out; Spinach for winter use sow; Celery earth up in dry weather, and transplant from the bed for further supplies, also Lettuce for Spring use; Radishes sow as required, Asparagus beds dress; Strawberries transplant; take up Potatoes and other roots, secure them from wet and frost; collect Pumpkins and Winter Squashes, and expose them to the winds and air, on a dry bench before they are stowed away.

Farm Notes for October.

STOCK.—You can save feed and trouble through the winter by getting rid of your poorest stock now.

STORING CROPS.—Corn packed in large bulk is sure to heat. Potatoes when fully dry may be piled in cellars. Onions should be stored in a dry, cold (but not freezing) place. Between layers of straw in a tight loft is an excellent place also for pumpkins.

—THE FATTENING TIME of the year is especially at this season, when the cool air of autumn seems to give new life to all animal nature. Animals of every kind will gain most rapidly in flesh now if provided with the proper food.

QUESTION.—What will restore declining fruit trees? ANS. Dig in round about the roots for a distance of about six feet some scraps of old iron and a half bushel of lime and ashes. The fruit will gradually improve in quantity and quality.

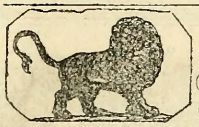
☞*I would not be without the* N. C. FARMER *for double its worth. I think every farmer should subscribe for it, for it is filled with useful information, and the* 1 *doz. papers garden seed given as a premium are the best I ever used.*—ISAAC C. ROBERTSON. Aurelian Springs. Halifax county, N. C. Published by JAS. H. ENNISS, Raleigh, N. C., at $1 per year.

Mineral Waters Bottled and on Draught at Pescud, Lee & Co.'s, Raleigh, N. C.

J. L. STONE WHOLESALE & RETAIL DEALER IN PIANOS AND ORGANS, RALEIGH

THE AGRICULTURAL INS. CO. INSURE ONLY DWELLING AND FARM PROPERTY—See page 42.

11th Month. NOVEMBER, 1881. 30 Days.



MOON'S PHASES.

	D.	H.	M.			D.	H.	M.	
Full Moon	5	8	49	p. m.	New Moon	21	11	7	a. m.
Last Quarter	13	5	47	p. m.	First Quarter	28	6	47	a. m.

Day of Mo.	Day of w'k.	Sun Rises.	Sun Sets.	Sun Fast.	Sun's declination.	ASPECTS OF PLANETS, &c. Dark of the Moon plant seed that fruit in the ground. Light of the Moon plant seed that fruit in the light.	Moon's Signs.	Moon Rises or Sets.	Moon South.	Tides at Smithville.
1	Tu	6 23	5 4	16	14°28	ALL SAINTS DAY.		1 27	8 21	2 53
2	We	6 24	5 3	16	14 48	Venus rises 3h. 12m. a. m.		2 37	9 11	3 54
3	Th	6 25	5 2	16	15 7	Long Parliament beg. 1640.		3 42	10 2	4 48
4	Fr.	6 26	5 1	16	15 26			4 57	10 54	5 42
5	S.	6 27	5 00	16	15 44	☌ ♄ ☾ *Fair if wind N. W.*		Rises.	11 47	6 30
45		**Twenty first Sunday after Trinity.**						**Day's Length 10 hours 31 min.**		
6	B.	6 28	4 59	16	16 2	☌ ♃ ☾ Bat. Lubec, 1806.		5 25	Morn	7 13
7	Mo	6 29	4 58	16	16 20	☌ ☿ ☉inf. and Transit.		6 13	0 41	8 2
8	Tu	6 30	4 57	16	16 37	♀ greatest Hel. Lat. N.		7 6	1 35	8 48
9	We	6 31	4 57	16	16 55	18th Brumaire, 1799.		8 00	2 27	9 33
10	Th	6 32	4 56	16	17 12	☌ ♄ ☾ D'th Gov. Caswell, 1789		8 57	3 18	10 21
11	Fr.	6 33	4 55	16	17 28	1st Legal Writing, 1213.		9 54	4 6	11 8
12	S.	6 34	4 54	16	17 45	☿ in perihelian.		10 49	4 52	11 56
46		**Twenty-second Sunday after Trinity.**						**Day's Length 10 hours 19 min.**		
13	B.	6 35	4 54	16	18 1	Moon in Apogee. *Fair.*		11 46	5 36	0 42
14	Mo	6 36	4 53	15	18 17	N.C. CON. FOR'D HAL. 1776		Morn	6 18	1 31
15	Tu	6 37	4 53	15	18 32	Bells of Notre Dame bap. 1816		0 41	7 0	2 17
16	We	6 38	4 52	15	18 47			1 37	7 42	3 5
17	Th	6 39	4 51	15	19 2	☿ stationary. ♂ stationary.		2 35	8 25	3 58
18	Fr.	6 40	4 51	15	19 16	British rule leaves N.C., 1781		3 32	9 11	4 48
19	S.	6 41	4 50	14	19 31	☌ ♀ ☾ Iron Mask d., 1703.		4 34	9 59	5 39
47		**Twenty-Third Sunday after Trinity.**						**Day's Length 10 hours 8 min.**		
20	B.	6 42	4 50	14	19 44	☌ ☿ ☾ 1st Presbyt'n Ch., 1572		5 38	10 51	6 27
21	Mo	6 43	4 49	14	19 58	SUN ECLIPSED, INVIS.		Sets.	11 47	7 13
22	Tu	6 44	4 49	14	20 11	*Frequent showers.*		5 45	0 45	8 1
23	We	6 45	4 48	13	20 23	Com. of Safety at Wil'n, 1774.		6 49	1 45	8 54
24	Th	6 46	4 48	13	20 36	John Knox died, 1572.		7 56	2 44	9 50
25	Fr.	6 47	4 47	13	20 48	Moon in Perigee.		9 4	3 41	10 44
26	S.	6 48	4 47	13	20 59	Great storm in Eng., 1703.		10 14	4 35	11 38
48		**First Sunday Sunday in Advent.**						**Day's Length 9 hours 58 min.**		
27	B.	6 49	4 47	12	21 10	L't Royal Assem. in N.C. 1728		11 18	5 28	Morn
28	M.	6 50	4 47	12	21 21	*Wind and rain.*		Morn	6 18	0 34
29	Tu	6 51	4 46	12	21 31	Woolsey died, 1530.		0 28	7 7	1 31
30	We	6 52	4 46	11	21 41	Battle Narva, 1701.		1 34	7 57	2 24

Keep warm by Buying your Over-Coats of R. B. Andrews & Co., Clothiers and Hatters.

ORGANS, PIANOS AND NEW HOME SEWING MACHINES, WRITE TO J. L. STONE, GENERAL AGENT, RALEIGH, N. C.

CONJECTURES OF THE WEATHER.—By Herschel's Table.—1, 2, 3, 4, fair; 5, 6, 7, 8, 9, 10, 11, 12, fair if wind N W.; 13, 14, 15, 16, 17, 18, 19, 20, fair; 21, 22, 23, 24, 25, 26, 27, frequent showers; 28, 29, 30, wind and rain.

Anecdotes.

—A country clergyman, paying a professional visit to a dying neighbor who was a very churlish and universally unpopular man, put the usual question: "Are you willing to go, my friend?" "Oh, yes," said the sick man, "I am." "Well," said the simple-minded minister, "I am glad you are; for the neighbors are willing."

—A lawyer and a clergyman were conversing about the direction of the wind. The former said: "We go by the court house vane."

"And we," remarked the parson, "go by the church vane."

"Well," said the disciple of Blackstone, "in the matter of wind, that is best authority."

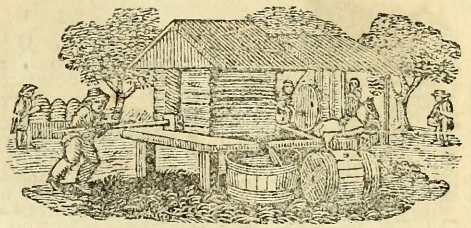
And the clergyman went home to cogitate.

WHAT NEXT?—An Irishman went to the theater for the first time. Just as the curtain descended on the first act an engine in the basement exploded, and he was blown through the roof, coming down in the next street. After coming to his senses, he asked, "An' what piece do yez play nixt?"

Milk for Young Chickens.

Do not forget that milk is one of the best articles of food for young chickens. Sweet milk or buttermilk is devoured with equal relish by them, and either is good. Give it to them to drink, mix their soft feed with it instead of water, and see how much better they will eat it, and how much faster they will grow.

☞ See Thomas Harrow Advertisement, page 43.



Garden Calendar for November.

Cabbage may be taken up and laid in rows against a ridge, so as to form a square, compact, close-growing bed, the roots and stems buried up to the lower leaves of the Cabbages, the beds may then be covered with straw, or a temporary shed erected over them. Beets dig and store; Carrots dig and store, Celery earth up finally; Onions in store examine; Turnips and Salsify dig for convenient access; now is a good time to transplant fruit and ornamental trees and shrubbery; Spring is generally a better time for transplanting evergreens.

Farm Notes for November.

—STORMS may now be looked for, and everything should be put under cover that needs protection, and the cover be made weather-proof. Stacks should be completed and thatched; sheds be tightened, the windows made good, and board roofs well nailed down to prevent leaking. Yards should be drained, and all the litter gathered in where it will be kept dry. Every arrangement for economy in the use of material, and for the comfort of live stock of all kinds, should be made *now*, when it will cost less in time and labor than if done later.

GRAIN FIELDS.—See that the water furrows are properly made and kept free, that no surface water remain upon the plants and cause their destruction.

FATTENING HOGS.—Hogs upon the range should now be turned into the chufa patch or penned and pushed with full rations of food. Occasional messes of bran and soft food will be beneficial. The pens should be abundantly supplied with charcoal, as it is a great aid in fattening. The pens should be well protected from the weather and kept clean.

QUESTION.—What is the saving in feeding cut hay, straw and other fodder? ANS. The saving in cutting hay, straw, and other fodder, is equal to about one-third of the consumption both of hay and meal. The food is eaten without waste, and is more perfectly digested. It is the food that is digested that counts as nutriment.

For Buist's Reliable Garden Seed go to Pescud, Lee & Co., Raleigh, N. C.

NEW HOME SEWING MACHINE COMPANY MAKE 300 A DAY, J. L. STONE GEN'L AGENT, RALEIGH, N. C.

See page 42.

12th Month. DECEMBER, 1881. 31 Days.

MOON'S PHASES.

	D.	H.	M.			D.	H.	M.	
☽ Full Moon	5	0	0	p. m.	☽ New Moon	20	11	53	p. m.
☾ Last Quarter	13	2	50	p. m.	☽ First Quarter	27	3	28	p. m.

Day of Mo.	Day of w'k.	Sun Rises.	Sun Sets.	Sun Fast.	Sun's declination.	ASPECTS OF PLANETS, &c. Dark of the Moon plant seed that fruit in the ground. Light of the Moon plant seed that fruit in the light.	Moon's Signs.	Moon Rises or Sets.	Moon South.	Tides at Smithville.
1	Th	6 53	4 46	11	21°51	Battle Ninevah, 627.	♒	2 38	8 48	3 26
2	Fr.	6 54	4 46	10	22 0	☌ ♄ ☾ Venus r. 5h. 21m. a.m.	♓	3 43	9 38	4 25
3	S.	6 55	4 46	10	22 8	☌ ♃ ☾ B. Hohenlinden, 1800	♈	4 47	10 31	5 17
49	**Second Sunday in Advent.**							**Day's Length 9 hours 51 min.**		
4	B.	6 55	4 46	10	22 16	☌ ☿ ♀ Butler died, 1839.	♈	5 49	11 24	6 11
5	M.	6 56	4 46	9	22 24	Moon Eclipsed, Inv.	♉	Rises.	Morn	6 54
6	Tu	6 57	4 46	9	22 31	*Fair.*	♉	5 49	0 17	7 38
7	We	6 58	4 46	8	22 38	☌ ♉ ☾ Cicero slain, B. C. 43.	♊	6 47	1 9	8 25
8	Th	6 59	4 46	8	22 45	Baxter died, 1691.	♊	7 44	1 58	9 7
9	Fr.	6 59	4 47	8	22 51	Napol'n mov. to Lond'n, 1815	♋	8 39	2 46	9 50
10	S.	7 00	4 47	7	22 57	Election at Rome.	♋	9 36	3 30	10 33
50	**Third Sunday in Advent.**							**Day's Length 9 hours 46 min.**		
11	B.	7 1	4 47	7	23 2	Moon in Apogee.	♌	10 32	4 13	11 15
12	M.	7 2	4 47	6	23 6	Cromwell made L. P., 1653.	♌	11 26	4 55	11 59
13	Tu	7 3	4 47	6	23 10	*Changeable.*	♌	Morn	5 36	0 42
14	We	7 3	4 47	5	23 14	☾ Halcyon Days Begin,	♍	0 23	6 18	1 31
15	Th	7 4	4 48	5	23 17	[Last 15 Days.	♍	1 18	7 2	2 19
16	Fr.	7 5	4 48	4	23 20	Battle of White Hall, 1862.	♎	2 17	7 48	3 16
17	S.	7 5	4 48	4	23 23	Aurora first seen, 1719.	♎	3 19	8 37	4 10
51	**Fourth Sunday in Advent.**							**Day's Length 9 hours 43 min.**		
18	B.	7 6	4 49	3	23 24	Consti. N. C. adopted, 1776.	♏	4 22	9 31	5 10
19	M.	7 6	4 49	3	23 26	☌ ♀ ☾ Washing'n at V. F. 1777	♏	5 27	10 28	6 8
20	Tu	7 7	4 50	2	23 26	☌ ☿ ☾ *Fair.*	♐	Sets.	11 28	6 58
21	We	7 7	4 51	2	23 27	Sun ent. Cap. Win. Com.	♐	5 45	0 29	7 50
22	Th	7 7	4 51	1	23 27	Moon in Perigee.	♐	6 47	1 29	8 42
23	Fr.	7 8	4 52	1	23 26	*Changeable.*	♑	7 59	2 27	9 33
24	S.	7 8	4 52	sl.	23 26	Clovis Crowned, 496.	♑	9 9	3 22	10 25
52	**Christmas.**							**Day's Length 9 hours 44 min.**		
25	B.	7 9	4 53	0	23 24	Christmas.	♒	10 17	4 14	11 16
26	Mo	7 9	4 54	1	23 22	☿ in Aphelion. *Cold.*	♒	11 26	5 5	Morn
27	Tu	7 10	4 54	1	23 20	St. John Evang't Day.	♓	Morn	5 55	0 9
28	We	7 10	4 55	2	23 17	Gr. Snow, 1853. *Changea-*	♓	0 33	6 44	1 4
29	Th	7 10	4 55	2	23 14	☌ ♄ ☾ B. Mulhausen, 1674. *ble*	♈	1 37	7 35	1 57
30	Fr.	7 11	4 55	3	23 10	☌ ♃ ☾ 1st Leg. at Ral'gh, 1794	♈	2 38	8 26	2 58
31	S.	7 11	4 56	3	23 6	New Eng. first settled, 1620.	♉	3 40	9 18	3 59

DON'T LET THE YEAR CLOSE WITHOUT A POLICY IN THE AGRICULTURAL

Buy the Chest Shield Shirt of R B Andrews & Co, Cloth'rs and Hat'rs

LIBERAL ARRANGEMENTS MADE WITH AGENTS TO SELL NEW HOME MACHINES,
J. L. STONE, GENERAL AGENT, RALEIGH, N. C.

CONJECTURES OF THE WEATHER—By Herschel's Table.—1, 2, 3, 4, changeable, with wind and rain; 5. 6, 7, 8, 9, 10, 11, 12, fair; 13, 14, 15, 16, 17, 18, 19, changeable; 20, 21, 22, 23, 24, 25, 26, fair; 27, 28, 29, 30, 31, changeable.

Anecdotes.

—At a legal investigation of a liquor seizure the judge asked an unwilling witness: "What was in the barrel you had?"

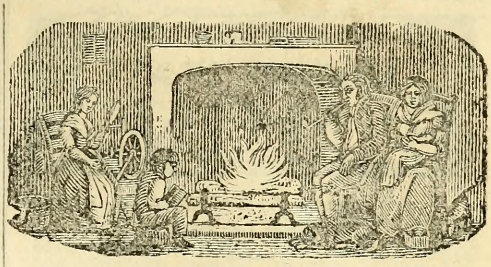
The reply was: "Well, your honor, it was marked 'whiskey' on one end of the barrel, and 'Pat Duffy' on the other, so that I can't say whether it was whiskey or Pat Duffy was in the barrel, being as I am on my oath."

—A clergyman said that he once visited a lady of his parish who had just lost her husband, in order to offer her consolation, and upon her earnest enquiries as to the re-union of families in heaven, he strongly asserted his belief in that fact, when she asked, with anxiety. whether any time must elapse before friends would be able to find each other in the next world? He emphatically said: "No they will be united at once." He was thinking of the happiness of being able to offer the relief of such a faith, when she broke in upon his meditations by exclaiming, sadly: "Well, his *first wife has got him then, by this time!*"

—"Do you believe every one will be saved?" asked an old lady once, of one whose orthodoxy was doubted. "Well, perhaps not every one, a few may be lost." "Ah, well," said she with a sigh of relief, "that's better than nothing."

Sunflower Seed for Horses

The seed of sunflowers is the most healthy feed that can be given to horses in winter and spring; half a pint a day keeps them in health and spirit, with sleek coats, and more animated than any other feed. It prevents "heaves" and some other diseases.—*Maryland Farmer.*



Garden Calendar for December.

Everything that needs protection should now be attended to. If the weather be open the ground may be ploughed or trenched to receive the benefits of the winter frost. Compost prepare, dung prepare for hot beds, hot beds attend to. Raddish and Salad sow in frames, also Lettuce; transplanting trees may still be done; prune fruit trees, vines, ect.; transplant all hardy plants. Cabbage plants, sown in October will be fit to put out. Sow Large York to head in January and February; small Onions may still be planted; earth up Celery in dry weather; thin Spinach as you collect for daily use.

Farm Notes for December.

SHELTERS.—Have a sufficiency of shelters for all of your stock. They can be easily and cheaply built on most farms, with logs or poles and corn stalks, old straw, pine or cedar brush.

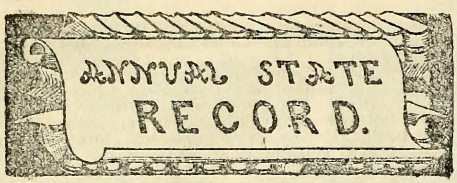
RUBBISH.—Myriads of insects and spores of mold and injurious fungi gather in the rubbish of the farm. Burn everything of this kind. Potato tops harbor the spores of the potato disease; straw, corn-fodder, and stubs harbor chinch bugs; chips, bark, weeds, and all such waste, furnish hiding places for grubs, beetles, &c. As preventive measures, none are more effective than general neatness and cleanliness everywhere about the farm.

LIMING SOILS.—The action of lime is to decompose and render soluble undecomposed matter in the soil. This may be attended to with advantage after plowing lands at this season and the crops the coming year will show its good effects.

ACCOUNTS.—Close up with the year all outstanding debts. Balance accounts with the farm before New Year and examine carefully the debit and credit side to see where expenses might have been reduced, and how the receipts might have been increased, and note them for future guidance. Lay out your plans for NEXT YEAR, and subscribe for the NORTH CAROLINA FARMER, only one dollar.

Physicians will do well to buy Drugs of Pescud, Lee & Co., Raleigh, N. C.

IF YOU WANT A GOOD SEWING MACHINE WRITE TO J. L. STONE, GEN. AGENT, RALEIGH.



A Year's Events, from October 1st, 1879, to October 1st, 1880.

1879.—October.—1. W. C. & A. Railroad sold in the city of Wilmington under the foreclosure of the first mortgage bonds, for $860,000. Bondholders were the purchasers.....Stockholders of the R. & G. R. R. held annual meeting; Col. Jno. M. Robinson, of Baltimore, elected President; Major J. C. Winder, Raleigh, re-elected Superintendent, and Major W. W Vass, Raleigh, re-elected Treasurer.....9th. Annual Conference of the Disciples of Christ held at Kinston, Oct. 9th, 10th, 11th and 12th.....Alamance county Fair held near Alamance church, six miles southeast of Greensboro. ....11th. Explosion of boiler of steam cotton gin belonging to Mr. Church, near Middleburg, Warren county, killing 3 men.....12th. The 82d Anniversary of the N. C. University held at Chapel Hill.....13th. The 19th Annual Fair of the North Carolina Agricultural Society held at Raleigh, continuing five days.....16th. North Carolina Fruit Growers' Association organized in Raleigh; Natt- Atkinson, of Buncombe county, President; S. Otho Wilson, Raleigh, Correspondlng Secretary.....17th. The North Carolina and Virginia Conference convened in its fifty-fourth annual session at Christian Chapel, Chatham county, N. C.....20th. The 10th Annual Fair of the Roanoke and Tar River Agricultural Society at the grounds of the Society at Weldon, continued five days..... 22d. The 66th Annual Session of the Synod of North Carolina held in the Presbyterian church at Statesville....23d. Re-union Celebration of Northern and Southern soldiers at Salisbury. Eight thousand people present.....Fair of the New Garden Agricultural Society at their grounds in Guilford county.....10th Annual Session of the Mt. Zion Baptist Association at Hookerton, Green county.....27th. Fair of the Albemarle Agricultural Association at Elizabeth City, held three days .....30th. 5th Annual Session of the United Baptist Association at Laurel Hill, Johnston county.

November.—3d. Carolina Fair Association Annual Exhibition at Charlotte.....5th. North Carolina State Baptist Convention met at Oxford... ..11th. Cumberland county Agricultural Fair at Fayetteville—held four days.....12th. The Third Annual Fair of Northampton county Agricultural Society held at Rich Square two days.....14th. The Annual State Sunday School Convention held in Greensboro two days.....17th. The First Industrial Exhibition of the colored people of North Carolina held in Raleigh, at Camp Russell—continued three days.....18th. The First Annual Fair of the Dixie Agricultural and Mechanical Association at the Fair Grounds on Carr's Mount, Wadesboro—held three days.....19th. Annual Conference of the A. M. E. Zion church at Hertford—held five days.....21st. Large fire in Wilmington, Loss $40,000.....26th. The W. N. C. Protestant Conference met at Bethel, Alamance county.....27th. Conference of the African Zion Methodist church met at Lincolnton.....29th. 1,443 bales of cotton shipped from Wilmington to Liverpool, England.

December.—2d. Ninety-third Annual Communication of Grand Lodge of Masons of North Carolina at their Hall in Raleigh.....3rd. Sampson county Agricultural Fair held at Clinton three days..... Western Annual Conference of the Methodist Protestant Church convened at Friendship, Alamance county.....Annual meeting of N. C. Conference M. E. C. South, at Wilson .....5th. A fire at Winston—loss $20,000.....First Annual Meeting of the N. C. Conference Woman's Mission Society at Wilson.....8th. Steamship Gulf Stream, Clyde line, left Morehead City with 1,250 bales cotton for New York.....10th. Meeting of the Grand Lodge of Colored Masons at Greensboro.....18th. First passage of railroad train through Swannanoa tunnel, W. N. C. Railroad.....19th. Baptist Semi-Centinnial Convention held in Raleigh. Dr. T. E. Skinner elected President..... 22d. Semi-Centennial Anniversary Celebration Christ Church, Raleigh.....Convention of colored people to consider the exodus question met in Wilmington..... 30th. Fire in Greenville, Pitt county.

1880.—January.—1. Observed as Emancipation Day by the colored people of Raleigh.....7th. Dwellings of R. W. Best and Mrs. Drake and two stores burnt on Hillsboro street, Raleigh—loss $11,500. .....13th. Meeting of stockholders of Harnett R. Road for organization held in Goldsboro.....15th. The Dismal Swamp Canal sold in Norfolk, Va., for $275,000, and purchased by the bondholders..... 18th. Destructive fire in the town of Roxboro, consuming nearly all the business houses in the place.....20th Craven county jail set on fire and burned down .....22d. The Alumni Association of the University of North Carolina met in Raleigh. .....27th. The extensive sash and blind factory of W. C. Petty, at Bush Hill, destroyed by fire—loss $6,000.....28th. The first session of the Southern Central Conference of the Methodist Episcopal Church held in Concord.....Shocks and rumbling heard by residents of Bald Mountain.

February.—3d Annual meeting of the State Grange at Charlotte ....8th. Meeting of the Directors W. N. C. R. R and Internal Improvement Board at Raleigh to receive proposition of sale of W. N. C. R. R., made by W. J. Best of New York.....10th Annual meetiug of Grand Lodge Knights of Pythias, in Fayetteville.....14th. Euzelian and Philomathesian Societies of Wake Forest celebrate 45th auniversary.....16th. Ground broken at University Station, on the University Railroad..... Durham's tobacconists, W. T. Blackwell & Co., sold to one man 200,000 pounds smoking tobacco, receiving therefor $125,000.....21st. Centennial Flag presented to King's Mountain Centennial Association at King's Mountain, by the Air Line Rail Road Company—3,000 people present.....24th. Fire on Mulberry street, Wilmington—loss $12,000 and three families left homeless.

March.—2. Mass meeting Citizens of Guilford county, at Greensboro, to organize for celebrating the 100th Anniversary of the Battle of Guilford Court House, 15th March, 1881.....3d. Meeting of Democratic State Executive Committee in Raleigh..... 4th. Erection of monument to the memory of Hon. John Kerr and son at Yanceyville. A large number of citizens present and speeches made. .....10th. Organization of the Duplin Canal Co. at Magnolia.....15th. Meeting of the Extra Session of the General Assembly on call of Gov. Jarvis to consider the proposition of Wm. J. Best, of New York, to buy the W. N. C R. R., which was accepted. Term of session, twenty days.....19th. Presbytery of Mecklenburg met at Dallas, Gaston county.....24th Construction train on W. N. C. R. R. jumped track, killing a Mr. Bradley and 2 convicts.....Meeting of Orange Presbytery in the Presbyterian church at Washington.....25th. Presbytery of Wilmington met at Brown Marsh church, Bladen county.

Country Merchants supplied with Drugs at low prices at Pescud, Lee & Co 's, Raleigh.

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April.—5th. The first Associate Reformed Presbytery of the Presbyterian church met at Little Creek church, Mecklenburg county. Thirty-eight Presbyteries present.....8th. A general snow storm throughout the State.....10th. Destructive fire in Wilmington on Dock street, in which Capt Wm. Ellerbrook was found burned to a crisp. Loss $25,000.....19th. Fire in Kinston, destroying a number of stores and a portion of the courthouse containing the county records. Loss at least $50,000..... 21st. Presbytery of Fayetteville met at Laurell Hill, Richmond county.....22d. Terrible Swamp fires in Tyrrel county, destroying life and property. Mr. Zachariah Owens, wife and three children perished in the flames while attempting to escape.

May.—6th. Annual Meeting Trustees of the Presbyterian General Assembly, held at Charlotte..... 10th. Memorial Day was celebrated with orations and flower decorations of Confederate dead at Raleigh, Wilmington, Durham and other places in the State.....Annual meeting of the Board of Medical Examiners in Wilmington. A number of applicants licensed to practice in the State..... 12th. The Twenty-seventh Annual Session of the North Carolina Medical Association held at Wilmington. Dr. Richard B. Haywood, Raleigh, elected President; Dr. J. F. Long, Newbern, Orator. The next annual meeting at Asheville the last Tuesday in May, 1881.....20th. Mecklenburg Declaration of Independence, 1775, was celebrated in Charlotte, Durham and Tarboro, with appropriate ceremonies.....Newbern District Conference M. E. Church, South, met at Goldsboro. Bishop Wightman presided.....26th. The Sixty-fourth Annual Convention of the Protestant Episcopal church, Diocese of North Carolina, held at Winston. Rt. Rev. T. B. Lyman, Ass't Bishop, presided.....27th. The Washington District Conference of the M. E. Church, South, met at Greenville. Bishop W. Wightman presided, and a new church was dedicated.....29th. A granite monument with appropriate epitaphs on its four sides, in commemoration of the Battle of Alamance, erected on the battle-field. A number of speeches made. 5000 persons present.

June—3d. North Carolina State Dental Association met in Senate Chamber of State Capital at Raleigh.....16th. Annual Commencement Davidson College.....17th. State Democratic Convention assembled in Raleigh for nomination of State officers and Presidential Electors. Acting Governor Jarvis, of Pitt county, nominated for Governor, and James L. Robinson, of Macon county, nominated for Lieut. Governor.....21st. Annual Commencement Chowan Baptist Female Institute at Murfreesboro.....23d. Corner stone of Monument at King's Mountain laid by the Masonic Grand Master of South Carolina in the presence of four thousand people.....24th. Fourth Session University Normal School at Chapel Hill. Large attendance.....30th. North Carolina Press Association met at Asheville. Dossey Battle, editor Tarboro Southerner, re-elected President, and Jordan Stone, of N. C. Citizen, Asheville, elected Secretary. Ex-Gov. Holden, of Raleigh, appointed to write the history of State Journalism, to be read at the next annual meeting at Winston.

July—4th. Independence Day celebrated in Raleigh and other towns of the State.....7th. Meeting of State Republican Convention in Raleigh for nomination of State officers and Presidential Electors. Judge Ralph P. Buxton, of Fayetteville, nominated for Governor, and Gen. Rufus M. Barringer, of Charlotte, nominated for Lieut. Governor.....8th. Thirty-First Annual Meeting of Stockholders N. C. R. R. at Greensboro.....10th Annual Meeting of Teachers Association at Chapel Hill.....19th. A meteorite, weighing two and three-fourths pounds, found in Davidson county by Gray W. Harris, of Lick Creek. It is one of that rare class of meteorites that do not show the widmsanstatten lines. .....30th. Meeting Duplin Canal Company. Report of work done was satisfactory, and the amount considerable.

August—6th. Dinner and festival of Sampson Co. Agricultural Society at Clinton.....7th. Fruit Fair of New Garden Agricultural Society, near New Garden Station N. W. N. C. R. R.....10th Grand Lodge Good Templars met at Graham. J. C. Ellington, G. W. C. T.; V. Ballard, G. W. Secretary .....11th. First meeting State Pharmaceutical Association, Raleigh. E. M. Nadal, of Wilson, elected President; T. C. Smith, of Charlotte, Secretary; 110 members present; next meeting at Newbern.....12th. Destructive hail storm in Caswell and Alamance counties Garrison Walker lost 50,000 tobacco hills.....19th. Destructive hail storm in Surry county, extending through Stokes into Rockingham county Damage $20,000.....Hail storm Mecklenburg county. Crops of Thomas Caldwell destroyed; hail stones size of guinea and hen eggs.....24th. Third Annual meeting of Grand Lodge Knights of Pythias at Asheville, Theo. F. Kluttz, Salisbury, Grand Dictator .....26th. Commencement of 17st session University of North Carolina.....28th. Centennial Celebration Moravian Congregation, Hope Church, Clemmonsville, Davidson county; Historical address by Rev. R. B. Lineback.

September.—1st. 22st session Orange Presbytery held at Reidsville. Rev. J. S. Watkins, Raleigh, chosen Moderator. The Presbytery was divided at this session. It first assembled over 100 years ago at Hawfields church, Alamance county..... 2d. Friends' School Exhibition at New Garden, Guilford county—largely attended.....3d Stephen Richardson hung at Wilmington for the murder of Lucy Phinney.....Coup's circus at Raleigh—5,000 to 6,000 present.....4th. Steam boiler explosion of saw, grist and planing mills of R. J. Taylor, at Toisnot—four persons dangerously injured and the building wrecked.....6th Cotton gin and steam grist mill of O. S. Hayes, Robeson county, destroyed by fire.....7th. Third Quarterly Session Roanoke District Grange held at Woodland, Northampton county.....8th. A large Sea Lion captured at Hatteras. It measured 7 feet 3 inches. .....Meeting of Mecklenburg Presbytery at Lincolnton.....13th. John Robinson's circus in Raleigh—6,000 people present.....14th. Observed as the Day of Atonement by the Jews of the State, according to the Hebrew calendar.....15th. Mill of Joseph Shields, Orange, destroyed by fire.....16th. Terrific hail storm in Surry county, extending 12 to 13 miles and 2 miles wide. Damage $20,000..... Grand Democratic Mass-meeting at Pollocksville, Jones county.....27th Second Annual Fair State Industrial Association of the colored people held at Raleigh.....30th. 121st Annual Session of the Sandy Creek Baptist Association, held at Cool Spring church, Moore county. This is the oldest Association in the State and embraces portions of the counties of Alamance, Chatham, Moore and Randolph.....Meeting of Concord Presbytery at Newton.

STATISTICS OF CHRISTIAN DENOMINATIONS IN NORTH CAROLINA.—Methodist Episcopal, white, 77,175; Colored Methodists, 43,393; Christian, (O'Kellyite) 4,605; Protestant Methodists, 13,500; Quakers, 4,859; Lutherans, 10,000; Roman Catholics, 1,000; Moravians, 1,982; Presbyterians, white, 17,747; Presbyterians, colored, 4,865; Episcopalians, 5,544; Baptists, 189,935.

STATE STATISTICS.—Value land, $83,034,885; Town property, $18,764,539; Horses, mules, cattle, &c., $15,936,920; Farm implements, $38,531,897; Population 1,410,138; Taxes from all sources, $553,339.95.

Drugs of the Best Quality sold by Pescud, Lee & Co., Raleigh.

J. L. STONE, SELLS 125 NEW HOME SEWING MACHINES PER MONTH, RALEIGH.

North Carolina Necrology.

Dates of Deaths of Aged and Official Personages from Oct. 1879 *to Sept.* 1880.

October.—1. John Everett, Goldsboro, aged 77. 8. Rev. John Douglas, Steel Creek, Mecklenburg county, aged 70. 9. John K. Moore, Wake county, aged 93. 12. Benjamin Banner, Germanton, aged 92; Mrs. Jane Bostic, Germanton, aged 77; Samuel Thompson, Currituck county, aged 75. 15. John Watson, Jonesboro, aged 79; Mrs. Susan Reid, Hillsboro, aged 74. 18. Jesse Jones, Exum's Mills, aged 75. 30. Mrs. Jane W. Harris, Eagle Falls, aged 77.

November.—6. Col. W. G. Smith, Ansonville, aged 78. 12. C. M. Pendleton, Davidson county, aged 78. 15. Michael Kiser, Stokes county, aged 88. 16. Rev. Samuel Ferebee, Currituck county, aged 84. 18. Col. J. J. Erwin, Burke county, aged 69, for several years a member of the General Assembly. 22. Mrs. Abiather Strickland, Duplin county, aged 93. 24. M. J. Buie, Sr., Carver's Creek, aged 79; David Anderson, Charlotte, aged 74; Mrs. Rachel Howard, Lincoln county, aged 80. 25. Mrs. Barbara Reinhardt, Catawba county, aged 86. 27. Capt. Thos. J. Robinson, Sec. State Board Agriculture, Fayetteville, aged 56. 29. Dr. Edward Strudwick, Hillsboro, aged 80.

December.—2. McCaskill, Cumberland county, aged 74. 8. Mrs. Martha A. Walker, Newbern, aged 71. 12. Wm. English, McDowell county, aged 79; George Herndon, aged 75. 17. Amos Wade, Lenoir county, aged 77. 27. Mrs. Dolly Lewis, Pender county, aged 75.

1880—January.—3. Clotilda Boushall, Camden county, aged 79. 6. Moses W. White, Chowan county, aged 80. 10. Willis Whitaker, Wake county, aged 89. 12. Mrs. Elizabeth Linebarger, Gaston county, aged 75. 16. Talbot H. Selby, Raleigh, aged 79. 21. Jacob A. Ramseur, Lincolnton, aged 72. 22. James Murray, Orange county, aged 77. 25. Mrs. Christain Garland, Milton, aged 77; Benjamin J. Dunlap, Anson county, aged 70, for some years a member of General Assembly. 29. Mrs. Jemima Guthrie, Madison county, aged 94.

February.—2. Mrs. Martha Hunter, Mecklenburg county, aged 71. 4. Mrs. Elizabeth King, Whitakers, aged 71. 5. Mrs. Isabella M. Darnell, Milton, aged 71; Mrs. Margaret Hooper, Fayetteville, aged 79. 7. Jonathan Barnes, Wilson, aged 75. 8. Mrs. Susan C. Davis, Chapel Hill, aged 88. 9. John Graham, Charlotte, aged 82. 12. Normand McDonald, Richmond county, aged 80. 11. Abner A. Dixon, Orange county, aged 81. 17. Benjamin Krause, Salem, aged 80. 15. Daniel McKenzie, Moore county, aged 75. 16. Mrs. Camilla G. Bell, Newton, aged 70. 24. Col. Jas. R. Dodge, Rockingham county, aged 87. 26. Mrs. Mary Ayecock, Warrenton, aged 72. 28. Hugh Woods, Orange county, aged 80.

March.—1. John McCallum, Bladen county, aged 92. 5. Saml S. Stone, Albemarle, aged 74. 12. Mrs. Martha Hoskins, Perquimans county, aged 92. 13. John Rutherford, Burke county, aged 90. 15. Mathew N. Leary, Sr., Fayetteville, aged 82. 16. Jordan Wicker, Chatham county, aged 73. 17. John Rousseuen, Wilkesboro, aged 94. 17. Joseph Johnson, Nash county, aged 80. 19. Jas. W. McAnulty Cabarrus county, aged 75; Mrs. Matilda Tysor, Mecklenburg county, aged 79. 20. Manson H. Breedlove, Oxford, aged 70; Isaac Jarrett, Yadkin county, aged 85. 22. Dr. Thos. Hicks, Orange county, aged 85; Samuel Wilson Burns, Cabarrus county, aged 80. 24. Mrs. Edith Rose, Beaufort county, aged 80. 25. Thos. Journey, Iredell county, aged 95; Mrs. Nancy Brawley, Iredell county, aged 83. 26. Mrs. Susan Harris, Forsyth county, aged 76; Mrs. Lottie Roberts, Beaufort county, aged 80. 28. Fanny Moore, Edgecombe county, aged 104; Mrs. Charlotte Bell, Brunswick county, aged 82. 31. Archibald Lindsay, Cumberland county, aged 76.

April.—2. Julius Ferrell, Hertford county, aged 82; Filmore Taylor, Fayetteville, aged 75. 9. Eli Brown, Mecklenburg county, aged 73. 10. Miss Harriett R. Taylor, Charlotte, aged 71. 11. Rev. C. B. Hassell, Williamston, aged 70. 12. Mrs. Elizabeth Wharton, Greensboro, aged 84. 17. Rev. Geo. W. Purefoy, Chapel Hill, aged 72. 18. Miss Polly Andrews, Iredell county, aged 90. 22. Mary Ann Rodgers, Wake county, aged 72. 25. Mrs. Susannah Headen, Chatham county, aged 82. 26. Thos. Stevenson, Iredell county, aged 82. 27. Mrs. Elizabeth Howard, Bethany church, aged 75. 30. Catharine Roulhac, Hillsboro, aged 71; Mrs. Sallie Peacock, Goldsboro, aged 70.

May.—5. Mrs. A. M. Hege, Salem, aged 79. 6. Miss Jane Houston, Rowan county, aged 75. 8. Hiram Scroggs, Rowan county, 83; Adam Corbett, Pitt county, aged 70. 10. Mrs. Margaret Dobbin, Fayetteville, aged 83. 11. Nathaniel Barringer, Cabarrus county, aged 75; Thos. P. Johnson, Mecklenburg county, aged 90. 15. Mrs. Malinda Rose, Wilkes county, aged 20; W. F. Cowan, Snow Creek, Iredell county, aged 80; Thos. Martin Crowell, Halifax county, aged 81. 27. Col. John D. Scott, Greensboro, aged 80. 29. Eli Ervin, Rowan county, aged 84; Dr. Fabius J. Haywood, Raleigh, aged 80; Alexander Brown, Rowan county, aged 70.

June.—1. Elijah W. Ellis, Newbern, aged 77; Mrs. Lavinia Presnell, Morganton, aged 74. 2. Britton Utley, Wake county, aged 85. 4. H. Smith Pharr, Charlotte, aged 78. 5. Capt. Peter Trumbull, Warrenton, aged 76. 7. Mrs. Rebecca M. Thompson, Smithville, aged 89. 9. Mrs Susan Skinner, Pasquotank county, aged 85. 10. Jacob Fink, Cabarrus county, aged 88. 11. John Hodges, Beaufort county, aged 87; Green Beckwith, Wake county, aged 85. 15. Mrs. Henrietta Hale, Catawba county, aged 70. 20. Elijah Denny, Guilford county, aged 82; Gen. Theophilus Holmes, Fayetteville, aged 76. 21. Mason L. Wiggins, Halifax county, aged 84. 23. Edward Edwards, Stokes county, aged 80. 24. Alfred Howard, Davidson county, aged 85. 25 Mrs. Joanna E. Foushee, Moore county, aged 77. 26. Jno. H. Haddock, Jones county, aged 80; Joseph Potts, Beaufort county, aged 85. 27. Miss Flora McAllister, Fayetteville, aged 73. 29. Isaiah Payne, Alamance county, aged 90.

July.—10. Col. Clinton Hartly, Caldwell county, aged 94; Mrs. Hannah Needham, Surry county, aged 79. 11. Dennis Wilson, Raleigh, aged 89. 12. Col. Junius L. Scales, Greensboro, aged 48, member General Assembly, 1858, 1876, 1878. 14. Mrs. Sarah E. Mitchell, Newbern, aged 70. 17. Mrs. Betsy Goodson, Lincoln county, aged 87. 18. John W. Rodgers, Raleigh, aged 78. 19. Mrs. M. A. Huntington, Milton, aged 81. 22. Miss Susanna Weevill, Davidson county, aged 80. 24. Mathew Eddins, Wake county, aged 92. 25. Neill McKoy, Harnett county, aged 80. 25. Henry Cansler, Catawba county, aged 80. 26. John Hutchings, Chapel Hill, aged 88.

August.—8. Mrs. Elizabeth Foard, Gaston county, aged 74; David Taylor, Cherokee county, aged 90. 13. Mrs. Nancy Breeze, Orange county, aged 87. 14. Gen. Bryan Grimes, Pitt county, aged 52, assassinated while on his way home from the town of Washington. 14. Steven Wilkinson, Person county, aged 85. 15 Frederick J. Jones, Newbern, aged 76; Mrs. Harriett B. Bobbitt, Raleigh, aged 91; Martin Cloud, Alamance county, aged 85. 22. Thomas Smith, Mecklenburg county, aged 79. 24. George Myers, Wilmington, aged 70. 25. Jacob Smith, Stokes county, aged 101. 27. John Hudgins, Chapel Hill, aged 90.

September.—2. Jonas K. Wood, Randolph county, aged 91. 11. Amos Price, Lincoln county, aged 81. 16. Giles Underhill, Johnston county, aged 92 Mrs. Lucinda Carter, Raleigh, aged 65.

Toilet Articles in Great Variety at Pescud, Lee & Co.'s, Raleigh.

J. L. STONE, GEN'L AG'T FOR NEW HOME SEWING MACHINES, AGENTS WANTED.

CROP OF 1879-'80.

CROPS.—All over the State the crops of 1879-'80 were good—better than ever before.

COTTON.—The increase of acreage in 1880 over 1879, is estimated at 15 per cent.

Hamilton D. Smith, Steel Creek, Mecklenburg county, raised thirty-two bales of cotton off twenty-five acres of land.

W. H. Avera, Jr., Johnston county, raised 48 bales of cotton on 47 acres with one horse.

HAY.—1,551,000 pounds of hay were shipped from Rowan county last season.

BUTTER.—J. W. Freeman, Guilford county, made and sold in one month 301½ pounds of butter.

OATS.—J. W. Wadsworth, Mecklenburg county, made 490 bushels red seed proof oats on 4½ acres of land.

W. S. Ingram, Montgomery county, raised 1,000 bushels on twenty-five acres.

HOGS.—J. H. Humphrey, Craven county, raised 2,137 pounds of pork at a cost of less than four cents per pound.

CHUFA.—This crop for hogs is still increasing in popular favor. As a crop for piney woods wire-grass land it is unequalled.

UPLAND RICE.—James A. Bryan, Craven county, harvested a rice crop of fifty bushels per acre on land cultivated in corn for forty years.

H. Haskins, in Beaver Creek township, Jones county, made 28 bushels of rice on a half acre of upland, without manure, the rice weighing, after being cleaned, 64 pounds to the bushel.

POULTRY.—Mr. Robert Williams, Camden county, has for the last twelve years realized an average of $400 each year from the sale of poultry from his farm.

CATTLE.—Charles C. Moore, of Alamance county, sold in Raleigh seven fat Devon cattle weighing 7,800, for $300 on foot. They were raised without interfering with other farm operation.

DRIED FRUIT.—Mrs. Margaret Harrington and her four children, near Taylorsville, Alexander county, sliced and dried 2,300 pounds of apples last season and averaged about four cents per pound.

AGRICULTURAL EXPERIMENT STATION.—The expense of the Station for the year ending April 15th, 1880, was $6,673.49. Total income arising from the tax on fertilizers has been $80,117.81.

NO FENCE OR HERD LAW.—The no fence or stock law is growing in favor. It is now in force either partially or entirely in Mecklenburg, Cabarrus, Rowan, Iredell, Davidson, Forsyth, Chatham and Person counties. In Mecklenburg county, the first to adopt the law, the Charlotte *Southern Home* says, the people would fight the whole State with force and arms before they would return to the old system.

PROTECTING FRUIT FROM FROST.—The Fayetteville *Gazette* reports that J. W. Maultsby, Cumberland county, saved his peach crop from injury by frost by planting Irish potatoes in his orchard and enriching them with unrotted stable manure on the surface. A hot steam arises from the manure on cold frosty mornings in the spring, enveloping the peach trees, and saves the fruit.

ONE HORSE FARMING.—Joseph W. Fuller, of Franklin county, raised with one horse, without hiring labor, except five and one-half days, 550 bushels of corn, 96 bushels wheat, 27 bushels oats, 57 bushels peas, 170 bushels sweet potatoes, 3,145 pounds lint cotton. Has killed four hogs, weight 901 pounds, and has six more to kill. His wife has woven 455 yards of cloth and made a pound of butter per day.

TRUCKING.—We give the following, reported by Geo. Allen, Esq., of Newbern, in NORTH CAROLINA FARMER, as coming under his observation in Craven county. After paying all expenses of boxes, picking, freight and commissions:

Enoch Wadsworth,	5	acres	pease, net	$676.
Jones & Allen,	4	"	" "	521.
B. S. Justice,	4½	"	" "	504.
E. R. Dudley,	4	"	" "	375.

E. B. Cox, 5 acres Irish potatoes, about $100 per acre.

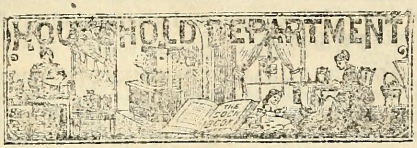
L. M. Ironmonger, 7 acres Irish potatoes, about 125 per acre.

J. L. Rhem, 50 acres Irish potatoes, about $48 per acre. On 125 acres in truck made $6,000 net, and then planted in cotton.

SHIPMENT OF PEASE.—Over 18,000 boxes of pease were shipped from Newbern in April and May, 1880, 5,431 boxes over 1879.

Buist's Pure Garden and Grass Seed sold by Pescud, Lee & Co., Raleigh

YOU CAN BUY AN ORGAN CHEAPER AND ON BETTER TERMS FROM J. L. STONE, RALEIGH, N. C.



THE AGRICULTURAL IS THE SAFEST COMPANY — See page 42.

Domestic Hints.

SOAP suds and soapy water supply the manure for garden soils.

TURPENTINE spread on leather will draw out splinters and thorns from the flesh.

OLD shoes, with the tops cut off, make excellent slippers, and if occasionally polished, look very well.

RUB clean lard over the top of loaves of bread before baking and the crust will be soft and tender.

TO GET rid of bedbugs, wash the room and the furniture of the room they frequent with salt water, filling the cracks with salt, and you may look in vain for them.

IF a shirt bosom, or any other article, has been scorched in ironing, lay it where a bright sun will fall directly on it. It will take it entirely out.

TWO parts tallow and one of resin, melted together and applied to the soles of new boots or shoes, as much as the leather will absorb, will double their wear.

IF the soles of boots and shoes are dressed with petroleum they will resist wet and wear well. The pegs, it is said, are not affected by dryness after being well saturated with the oil.

RUB fresh lard over the dish, and then put it in a hot oven and heat it thoroughly. Thus treated any tinware may be used in water constantly and remain bright and free from rust indefinitely.

ANY kind of cloth may be rendered water proof by the following simple and inexpensive mixture: To one ounce of melted white wax add one quart of spirits of turpentine. When thoroughly mixed and cold, dip the cloth in it and hang it up to dry.

TO CLEAN coat collars, or to remove grease, &c., from clothes, soak the places thoroughly in ammonia water, and after standing awhile for chemical action to take place, put on soap and wash with hot water and sponge. Rinse well, and dry with hot irons.

Medical Receipts.

BLEEDING AT THE NOSE.—Insert in the bleeding nostril a pinch of fine salt, it will instantly stop the flow of blood.

ORDINARY CONSTIPATION.—Take each morning one tumblerful of cold water in which is dissolved a teaspoonful of table salt.

WHOOPING COUGH.—Quinine is a sure cure. Give from two to three grains by letting it dissolve upon the tongue, three times a day until cured.

CURE FOR EARACHE.—Put a little black pepper in some cotton, dip it in sweet oil and insert it in the ear. This is one of the quickest remedies known.

BURNS AND SCALDS.—All kinds of burns, scalds and sunburns are almost immediately relieved by the application of a strong solution of soda to the burnt surface.

FOR SPRAINS.—Take one part of blue clay and two parts vinegar, and make into paste, and bind on at night with a wet towel. One application is generally sufficient.

CURE FOR AGUE.—Take a half tea cup of dogwood berries, same quantity of each of dogwood and wild-cherry bark, put these in a quart of whiskey and drink three times a day.

SORE THROAT.—Dampen a flannel cloth with some coal oil (kerosene) and fasten it around the neck just before going to bed. Repeating the treatment for several nights it will disappear.

TOOTHACHE.—Saturate a small piece of cotton in hartshorn or solution of ammonia and apply to the tooth. Or take powdered alum or salt on a piece of cotton and apply it to the tooth.

REMEDY FOR CROUP.—Half a teaspoonful of pulverized alum in a little molasses. It is a simple remedy, one almost always on hand, and one dose seldom fails to give relief. If it should not, repeat it after one hour.

CHOLERA AND DIARRHŒA.—Take equal parts of tincture of cayenne pepper, essence of peppermint and spirits of camphor; mix well. Dose—fifteen to twenty drops in a little cold water, according to the age and violence of symptoms; repeated every fifteen or twenty minutes until relief is obtained.

Farmers buy Buist's Seed at Pescud, Lee & Co.'s, Raleigh, N. C.

WM. H. BROWN, Pres't. W. S. POWELL, Treas.

QUALITY P PURITY NOT QUANTITY.

TRADE MARK.

THE BROWN CHEMICAL CO.

OF BALTIMORE.

Office, 25 South Sharp Street,

Sole Manufacturers of

POWELL'S PREPARED CHEMICALS,

The best and cheapest compound ever made for making reliable fertilizers. By the use of ***Powell's Chemicals*** you can make a high grade fertilizer at one-third the usual price.—Dr. Ledoux, of N. C., in his report to the North Carolina Board Agriculture for 1880, gives the ***Powell's Chemicals*** an intrinsic value of $13.85 per formula when we sell them to the farmer at 12.00 See Ledoux's Report, 1880, pp. 68 and 76.

ALSO MANUFACTURERS AND DEALERS IN

Powell's Pure Dissolved Bone,
Powell's Pure Bone Meal,
Powell's Pure Ammoniated Bone,
Powell's Pure Dissolved S. C. Bone
Powell's Sulphate Magnesia.
Powell's Kainit, High Grade,
Powell's Sulphate Potash,
Powell's Muriate Potash,
Powell's Plaster,
Powell's Oil Vitrol,

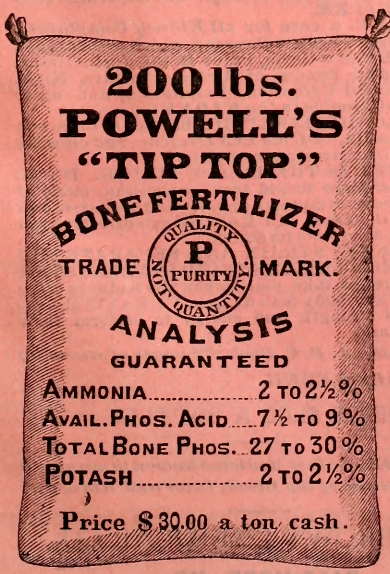
AND ALL HIGH GRADE FERTILIZING GOODS.

Special Mixtures and Fertilizers made to order.

REMEMBER that ***Powell's Chemicals*** after January 1st, 1880., also Powell's No. 1, High Grade Kainit will be shipped in tight barrels instead of bags as heretofore. This will be a great saving of loss in weight during transportation.

Powell's Tip Top Bone Fertilizer.

Only one Price---$30.00 a ton, Cash. No commissions to Agents.



SPECIAL NOTICE.

The "Tip Top" bone fertilizer, as will be seen by analysis, is very rich in plant food. We put it on the market as being much cheaper and equally as good as many of the higher priced brands that are now sold. The analysis of this Fertilizer is guaranteed, and is in the best mechanical condition for drilling. ***There is not one pound of earth or foreign matter used in making the compound.*** These facts, with the high chemical value and low price of the "Tip Top," will make it fill a demand made by a great many farmers for a cheap and efficient Fertilizer where they have not the time or means of manipulating chemicals successfully.

GIVE IT A TRIAL.

A pamphlet giving full description of all our goods and testimonials from leading farmers as to their qualities, mailed to any address on application to

W. S. POWELL, Treasurer.

BALTIMORE.

[OVER.]

IRON

BITTERS

A TRUE TONIC

IRON BITTERS are highly recommended to the public for all diseases requiring a certain and efficient TONIC; especially Indigestion, Dyspepsia, Intermittent Fevers, Want of Appetite, Loss of Strength, Lack of Energy. etc. It enriches the blood, strengthens the muscles, and gives new life to the nerves. It acts like a charm on the digestive organs. Relieves all dyspeptic symptoms, such as tasting the food, belching, heat in the stomach, heartburn, etc.

The only Iron Preparation that will not blacken the teeth or give headache.

PRICE ONE DOLLAR A BOTTLE.

Write for the A. B. C. Book, 32 pages, sent free.

BROWN CHEMICAL CO.,

BALTIMORE, MD.

PERFECT HEALTH.

CURATINE.

A Vegetable Medicine for the Blood, Liver and Kidneys.

CURATINE, a cure for all ***Scrofulous Taints,*** Rheumatism, Salt Rheum, Old Sores and Ulcers, White Swellings, Eruptive Diseases, Tetter, Carbuncles and Boils, Syphilis, all debasements and impurities of the ***BLOOD.***

CURATINE, a cure for all ***Liver Complaints,*** Jaundice, Severe Headache, Dizziness, Constipation, Dropsical effusion, Biliousness, and every other disease that threatens Life through that important vital organ, the ***LIVER.***

CURATINE, a cure for all ***Kidney Complaints,*** (except "Bright's Kidney Disease," which is incurable, CURATINE will relieve), Pains in the Back, Groins, Retention and Excess of Urine, Diabetes, Night Sweats, Painful Urination, Palpitation, and other Symptoms of Trouble in the ***KIDNEYS.***

"THE BLOOD IS LIFE." If it be impure there can be no real health. ***CURATINE*** reaches and cleanses the blood with marvelous certainty

THE LIVER IS THE BODY'S FILTER. If it is clogged, inactive or torpid from congestion, many or all of the above symptoms appear and sickness, and perhaps death ensues. CURATINE acts directly upon the Liver and corrects its action.

THE KIDNEYS STRAIN AND SEPARATE THE USEFUL FROM USELESS FLUID IN THE SYSTEM Direous distresses take place when the Kidneys cease to act, the whole body is in danger. CURATINE gives the Kidneys strength and energy to perform their appointed work.

Write for the A. B. C. Book, 32 pages of amusing reading. SENT FREE.

PRICE $1.00 A BOTTLE.

CURATINE is the best Medicine known to mankind for the diseases of the Blood, Liver and Kidneys.

THE BROWN CHEMICAL CO.,

BALTIMORE, MD.

PIANOS ON BETTER TERMS THAN ANY OTHER HOUSE IN THE STATE. J. L. STONE, RALEIGH, N. C.

Government of North Carolina.

Executive Department.

Thomas J. Jarvis, of Pitt county, Governor, salary $3,000.

Gilbert L. Dudley, of New Hanover county, Private Secretary; salary $500 and fees.

James L. Robinson, of Macon county, President *pro tem.* of the Senate, acting Lieutenant-Governor. Pay same as Speaker of House of Representatives.

William L. Saunders, of Wake county, Secretary of State; salary $2,000.

Ed. B. Engelhard, of New Hanover county, Chief Clerk; salary $1,000.

John M. Worth, of Randolph county, Treasurer; salary $3,000.

Donald W. Bain, of Wake county, Chief Clerk; salary $1,500.

Henry M. Worth, of Randolph county, Teller; salary $750.

Wm. P. Roberts, of Gates county, Auditor; salary $1,500.

.....Chief Clerk; salary $1,000.

Thomas S. Kenan, of Wilson county, Attorney-General; salary $1,000.

John C. Scarborough, of Johnston county, Superintendent of Public Instruction; salary $1,500.

Johnston Jones, of Burke county, Adjutant-General; salary $300.

W. C. Kerr, of Wake county, State Geologist; salary, $2,000. Paid by Agricultural Department.

Sherwood Haywood, of Wake county, State Librarian; salary $400.

J. McL Turner, of Rowan county, Keeper of Capitol; salary $750.

GOVERNOR'S COUNCIL.

The Secretary of State, Treasurer, Auditor and Superintendent of Public Instruction.

STATE BOARD OF EDUCATION.

The Governor, Lieutenant-Governor, Secretary of State, Treasurer, Auditor, Superintendant of Public Instruction and Attorney-General constitute the State Board of Education.

Public Works and Institutions in North Carolina.

BRANCH MINT OF THE UNITED STATES.

C. J. Cowles, Assayer, located at Charlotte. This establishment was authorized by act of Congress, passed the 3d of March, 1835.

UNIVERSITY OF NORTH CAROLINA.

Situated at Chapel Hill, Orange county, 28 miles W. N. W. from Raleigh, and 9 miles from University Station on the N. C. R. R., and at the present terminus of the Chapel Hill R. R. Re-opened September 5th, 1875.

Faculty.—Hon. Kemp P. Battle, L.L. D., President, Professor of Political Economy, International and Constitutional Law; J. Debernicre Hooper, A. M., Professor of French and Greek; Rev. Adolphus W. Mangum, A. M., Professor of Moral Philosophy, History and English Literature; ....Professor of Physics and Chemistry; George Taylor Winston, Professor of Latin and German; Ralph Henry Graves, B. Sc, and M. E., Professor of Engineering and Mechanic Arts; F. W. Simonds, Professor of Natural History; Carcy D. Grandy, Assistant Professor of Mathematics and Chemistry; ..... Professor of Law; W. C. Kerr, A. M., State Geologist and Lecturer on Geology; ....Chemist to the State Board of Agriculture, and Director of Agricultural Experiment and Fertilizer Control Station; Dr. Simonds, Secretary; Prof. Mangum, Librarian, and A. Mickle, Bursar.

The Institution is under the control of a Board of Trustees elected by the Legislature.

His Excellency, Thos. J. Jarvis, L.L. D., President *ex-officio* Board of Trustees; W. L. Saunders, Secretary; Hon. Kemp P. Battle, Treasurer.

Executive Committee.—His Excellency, Thos. J. Jarvis, Chairman *ex-officio;* Hon. Paul C. Cameren; Richard H. Battle, Jr., Esq.; Julian S. Carr, Esq.; Eugene Grissom, M. D., L.L. D; A. M. Lewis, Esq.; Hon. W. L. Saunders; Hon. Geo. V. Strong.

THE NORTH CAROLINA INSTITUTION FOR THE DEAF AND DUMB AND BLIND.

The North Carolina Institution for the education of the Deaf and Dumb and the Blind, is located at Raleigh.

Officers—Hezakiah A. Gudger, Principal; Everard Hall, Steward; Dr. John M. Worth, *Ex-officio* Treasurer.

Board of Directors—R. S. Tucker, President; Dr Thos. D. Hogg, C. D. Heartt, John R. Williams, J. J. Litchford, L. D. Stevenson, James M. Betts.

The Institution has a full corps of teachers in the Deaf Mute and Blind Departments. Can accommodate.....pupils. The course of instruction includes eight years. All applications for admittance of pupils should be made to the Principal.

NORTH CAROLINA INSANE ASYLUM.

Situated in the vicinity of Raleigh; will accommodate 220 patients.

Dr. Eugene Grissom, Superintendent; Dr. F. T. Fuller, Assistant Physician; Dr. John M. Worth, Treasurer *ex-officio;* J. H. Moore, Steward; Mrs. Mary A. Lawrence, Matron; P. M. Wilson, Clerk of the Board of Directors; James S. West, Esq., Engineer.

Board of Directors—His Excellency, Thos. J. Jarvis, President *ex-officio;* Dr. E Burke Haywood, Raleigh; Julius Lewis, Wake; Col. J. S. Amis, Granville; Col. J. G. Burr, New Hanover; Major C. Dowd, Mecklenburg; Dr. J. T. Leach, Johnston; A. M. McPheeters, Wake; Wm. H. Boylan, Wake; Dr. B. Craven, Randolph.

Time of annual meeting of the Board: First Wednesday in November in each year.

Western Insane Asylum, Morganton, in course of erection.

Commissioners of Construction——J. G. Hall, of Catawba county; Col. J. C. Harper, of Caldwell county, Chairman, and W. S. Pearson, of Burke county. John A. Dickson, of Hickory, Secretary and Treasurer.

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Officers—W. J. Hicks, Architect; J. A. Marsh, Deputy Warden; D. C Murray, Steward; J. W. McGee, M. D., Physician; ..... Dispensator.

Board of Directors—E. R. Stamps, Thomas H. Briggs, of Wake; Geo. W. Thompson, of Chatham; Geo. S. Cole, of Moore; C. G. Yates, of Guilford.

INSURE AGAINST LIGHTNING WHETHER FIRE ENSUES OR NOT.—See Page 42.

Fancy Articles, Toilet Articles in great abundance, at Pescud, Lee & Co's, Raleigh, N. C.

WRITE TO J. L. STONE, RALEIGH, BEFORE BUYING AN ORGAN, PIANO, OR MACHINE.

INSURE IN A COMPANY THAT CAN'T BE BURNT OUT.—See Page 42

Superior Courts of North Carolina.

For the Year 1881.

FIRST JUDICIAL DISTRICT.

Currituck—First Monday of March and September.
Camden—Second " " " "
Pasquotank—Third " " "
Perquimans—Fourth " " "
Chowan—1st Monday after 4th Monday Mar. & Sept.
Gates—2d " " " " " "
Hertford—3d " " " " " "
Washington—4th " " " " " "
Tyrrell—5th " " " " " "
Dare—6th " " " " " "
Hyde—7th " " " " " "
Pamlico—8th " " " " " "
Beaufort—9th " " " " " "
Martin—11th " " " " " "

SECOND JUDICIAL DISTRICT.

Wake—1st Monday in Jan., 2d Monday in Feb., 4th Monday in June, 2d Monday in August.
Warren—1st Monday in March and September.
Halifax—3d Monday after 1st Monday Mar. & Sept.
Northampton—4th " " " " " "
Edgecombe—6th " " " " " "
Bertie—8th " " " " " "
Craven—12th " " " " " "

THIRD JUDICIAL DISTRICT.

Nash—Monday before 1st Monday of Mar. & Sept.
Wilson—2d Monday of March and September.
Pitt—3d " " " "
Green—4th Monday after 1st Monday Mar & Sept.
Wayne—5th " " " " " "
Lenoir—7th " " " " " "
Jones—8th " " " " " "
Carteret—9th " " " " " "
Onslow—10th " " " " " "
Duplin—11th " " " " " "
Sampson—12th " " " " " "
New Hanover—13th " " " " " "
Pender—15th " " " " " "

FOURTH JUDICIAL DISTRICT.

Moore—1st Monday in February and August.
Harnett—3d " " "
Cumberland—2d Monday after 3d M'day Feb.&Aug.
Bladen—4th " " " " " "
Columbus—5th " " " " " "
Brunswick—7th " " " " " "
Johnston—8th " " " " " "
Robeson—10th " " " " " "
Anson—12th " " " " " "
Richmond—14th " " " " " "

FIFTH JUDICIAL DISTRICT.

Alamance—2d Mond'y before 1st M'nd'y Mar.&Sept.
Randolph—Monday before 1st " " "
Guilford—1st " in March and September.
Chatham—2d Monday after 1st Monday Mar. & Sept.
Orange—4th " " " " " "
Granville—6th " " " " " "
Franklin—8th " " " " " "
Person—10th " " " " " "
Caswell—11th " " " " " "
Rockingham—12th " " " " " "

SIXTH JUDICIAL DISTRICT.

Mecklenburg—Last Monday in February and Aug.
Cabarrus—3d Monday of March and September.
Stanly—4th " " "
Montgomery—1st " after 4th Monday Mar. & Sep.
Union—2d " " " " " "
Lincoln—4th " " " " " "
Gaston—5th " " " " " "
Cleaveland—6th " " " " " "
Rutherford—7th " " " " " "
Polk—8th " " " " " "

SEVENTH JUDICIAL DISTRICT.

Davidson—1st Monday in March and September.
Davie—3d " " " " "
Yadkin—4th " " " " "
Wilkes—1st Monday after 4th Monday Mar. & Sep.
Alleghany—3d " " " " " "
Surry—4th " " " " " "
Stokes—6th " " " " " "
Forsyth—7th " " " " " "
Rowan—9th " " " " " "

EIGHTH JUDICIAL DISTRICT.

Catawba—Last Monday in August and February.
Burke—2d " " March and September.
McDowell—4th " " "
Yancey—2d Monday after 4th Monday Mar. & Sep.
Mitchell—4th " " " " " "
Watauga—6th " " " " " "
Ashe—7th " " " " " "
Caldwell—9th " " " " " "
Alexander—10th " " " " " "
Iredell—11th " " " " " "

NINTH JUDICIAL DISTRICT.

Buncombe—2nd Monday in March and August.
Madison—1st Mon'y after 4th Mon'y in Mar. & Aug.
Henderson—2d " after 4th Monday Mar. & Aug.
Transylvania—3d " " " " " "
Haywood—4th " " " " " "
Jackson—5th " " " " " "
Macon—6th " " " " " "
Clay—7th " " " " " "
Cherokee—8th " " " " " "
Graham—9th " " " " " "
Swain—10th " " " " " "

Supreme Court.

William N. H. Smith, of Wake, Chief Justice; Thomas S. Ashe, of Anson, and John H. Dillard, of Guilford, Associate Justices; salaries of Chief Justice and Associate Justices $2,500.

Thomas S. Kenan, Attorney General and Reporter; salary $2,000.

W. H. Bagley, of Wake, Clerk; salary; $300 and fees.

R. H. Bradley, of Wake, Marshal.

Supreme Court meets in Raleigh on the first Monday in January and June.

United States Courts.

The stated terms of the United States Circuit and District Courts are as follows:

United States District Court.—Eastern District of North Carolina, held in Raleigh on the first Monday in June and last Monday in November.

H. L. Bond, Circuit Court Judge; residence, Baltimore, Md.

George W. Brooks, District Court Judge, Eastern District of N. C.; residence, Elizabeth City.

John W. Albertson, District Attorney; office, Raleigh.

Joshua B. Hill, U. S. Marshal; office, Raleigh.

N. J. Riddick, Cir. Court Clerk; office, Raleigh.

EASTERN DISTRICT COURTS.

Elizabeth City, 3d Monday in April and October.
Wm. J. Griffin, Clerk; residence, Elizabeth City.
Newbern, fourth Monday in April and October.
George E. Tinker, Clerk; residence, Newbern.
Wilmington, first Monday after the fourth Monday in April and October.
Wm. Larkins, Clerk; residence, Wilmington.

U. S. CIRCUIT COURT, WESTERN DISTRICT, N. C.

H. L. Bond, U. S. Cir. Court Judge, Baltimore, Md.
Robert P. Dick, U. S. District Judge, Western District, N. C.; residence, Greensboro, N. C.

THE BEST PLACE IN RALEIGH TO BUY DRUGS IS AT PESCUD, LEE & CO'S.

Robert M. Douglas, U. S. Marshal; office, Greensboro, N. C.
Circuit and District Courts in the Western District are held at the same time:
Greensboro, first Monday in April and October.
John W. Payne, Clerk; residence, Greensboro.
Statesville, third Monday in April and October.
H. C. Cowles, Clerk; residence, Statesville.
Asheville, first Monday in May and November.
J. E. Reid, Clerk; residence, Asheville.
V. S. Lusk, U. S. District Attorney; residence, Asheville.
W. S. Ball, Assistant District Attorney; residence, Greensboro, N. C

Judges and Solicitors.

JUDGES.	Dist.	SOLICITORS.
Mills L Eure,	1st	Cyrus W. Grandy.
Augustus S. Seymour	2d	John H Collins.
Allmond A. McKoy,	3d	Swift Galloway.
R. T. Bennett,	4th	John D. Melver
John A. Gilmer,	5th	Fred. N. Strudwick.
David Schenck,	6th	Wm. J. Montgomery.
Jesse F. Graves,	7th	Joseph Dobson.
Alphonso C. Avery,	8th	Joseph S. Adams,
James C. L. Gudger,	9th	Garland S. Furguson.

North Carolina Representatives in Congress.

SENATE.

Zebulon B. Vance, of Mecklenburg; term expires March 4th, 1885.
Matt. W. Ransom, of Northampton, re-elected; term expires March 4th, 1883.

Officers of the Medical Society of the State of North Carolina for 1880-81.

President—Dr. Richard B. Haywood, of Raleigh.
Vice-Presidents—Drs. J. A. McRae, of Fayetteville; W. H Lilly, of Concord; R H. Speight, of Tarboro, and W. J. H Bellamy, of Wilmington.
Treasurer—Dr. A. G. Carr, of Durham.
Secretary—Dr. L. J. Picott, of Littleton.
Orator—Dr. J. F. Long, of Newbern.
Next meeting will be held at Asheville on the last Tuesday of May, 1881.

Board of Medical Examiners.

Dr. Peter E. Hines, President, and Examiner on Surgery, Raleigh.
Dr. Henry T. Bahnson, Secretary, and Examiner on Anatomy, Salem.
Dr. Joseph Graham, Examiner on Obstetrics,
Dr. T. D. Haigh, Examiner on Physiology, Fayetteville.
Dr. R. J. Hicks, Examiner on Practice of Medicine and Pathology, Williamsboro.
Dr. G. L. Kirby, Examiner on Chemistry and Pharmacy, Goldsboro.
Dr. Thomas F. Wood, Examiner on Materia Medica and Therapeutics, Wilmington.
Will meet at Asheville and continue its session during the meeting of the State Medical Society.

North Carolina Press Association.

The following are the officers elected for the year 1880-81:
President—Dorsey Battle, Tarboro.
Vice-Presidents—C. B. Green, J. W. Goslin and Col. R. B. Creecy.
Secretary—Jordan Stone, Asheville.
Chaplain—Rev. F. H. Wood.
Winston will be the place for next meeting.

State Agricultural Society.

Annual exhibition and meeting of Society in October, at Raleigh.
President—Col. Thomas M. Holt, Orange county.
Permanent Vice-Presidents—Hon. Kemp P. Battle, Orange county; Captain J. S. Dancy, Edgecombe county; Hon. R. H. Smith, Halifax county.
Treasurer—P. A. Wiley, Raleigh.
Secretary—C. B. Denson, Chatham county. Office, Raleigh.

State Board of Agriculture.

Thomas J. Jarvis, Governor, *ex officio* Chairman of the Board.
Col. Thomas M. Holt, *ex officio* President State Agricultural Society.
Col. William H. Cheek, *ex officio* Master of State Grange, Patrons of Husbandry.
Kemp P. Battle, LL.D., *ex officio* President of State University.
Prof. W. C. Kerr, *ex officio* State Geologist.
Captain James Thigpen, of Edgecombe county; Major Jonathan Evans, of Cumberland county.

Rates of Postage.

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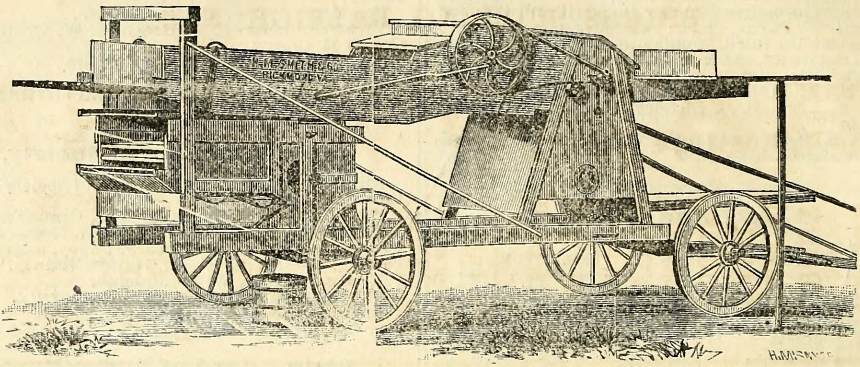

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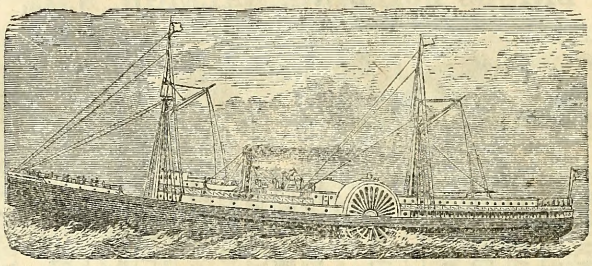

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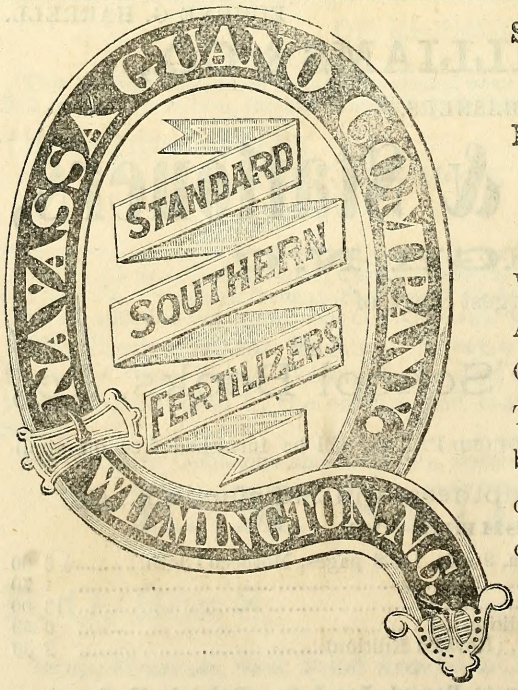

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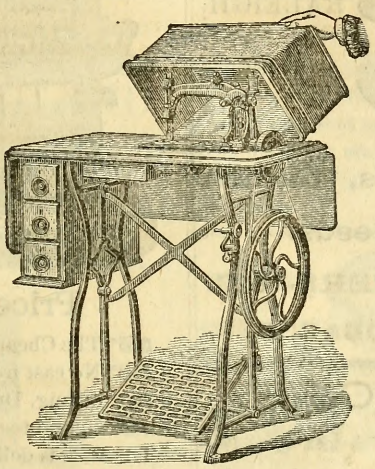

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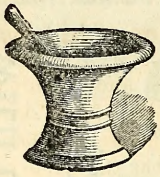
Opposite Post Office,  RALEIGH, N. C.

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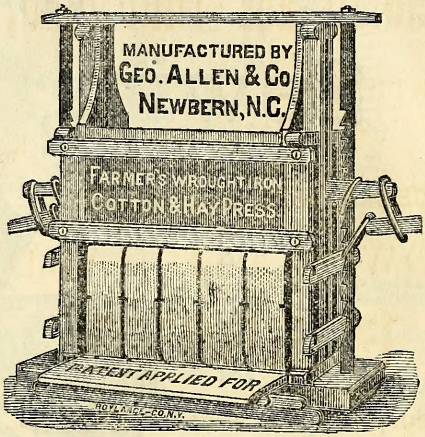

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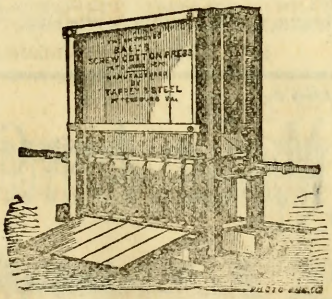

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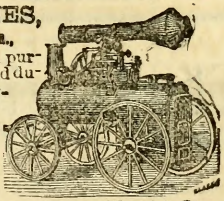
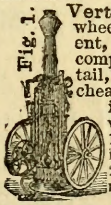


Fig. 1.



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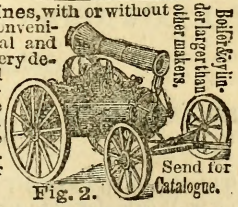

Fig. 2.

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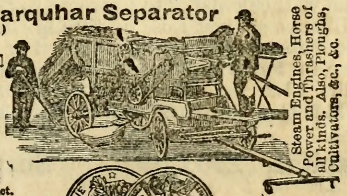

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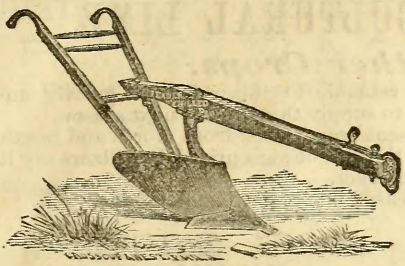

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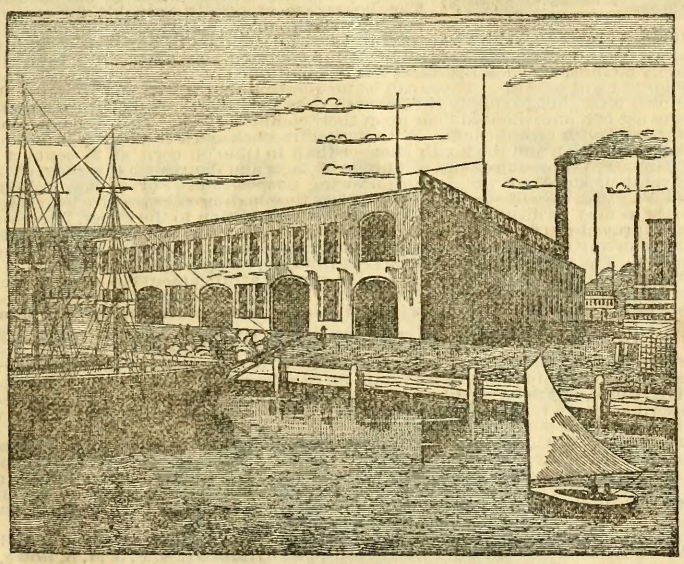

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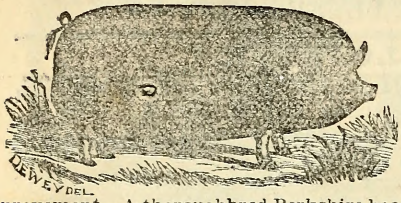
OFFERED BY THE

NORTH CAROLINA FARMER.



There is money in raising a good stock of hogs. The most popular and profitable perhaps, of all breeds, is the Berkshire.

Berkshires are noted for rapid growth, early maturity, lightness of bone and offal parts, and ability to produce the greatest amount of meat from any given amount of food. Their meat is much more lean, tender, sweet and juicy than that of other swine, being "*well marbled*" with very fine streaks of fat. Their *freedom from disease more than other breeds*, peculiarly adapts them to our Southern climate. The boars are especially valuable for crossing upon the common stock, upon which they make a wonderful improvement. A thoroughbred Berkshire boar is cheaper at fifty dollars to any farmer than even a scrub or grade for nothing. On hundreds of farms can be found common hogs a year old that will not weigh over eighty or ninety pounds, whereas, instances can be mentioned of Berkshire crosses which exceeded *three hundred pounds* at eight months. There can be no question that it will pay to raise this stock not not only for your own meat, but to supply the breed to your neighbors. It will also pay for farmers to club together in the use of a pure blooded boar upon their common stock. This is being done in many portions of the State and with great benefit. With Berkshire stock and a chufa crop to fatten them, bacon can be made in North Carolina and the South cheaper than in Ohio on corn at 25 cents a bushel. We have thoroughly canvassed this subject and can prove by facts and figures what we say. To all who are disposed to improve their stock we make the following proposition. For twenty subscribers to the NORTH CAROLINA FARMER we will supply one first-class thorough-bred Berkshire boar pig, boxed and shipped per Express as may be directed. Each subscriber in addition to the paper, to receive one dozen papers of BUIST'S improved Garden Seed, assorted as may be desired, sent free of postage. This is as liberal an offer as we or any one else can make, and presents an opportunity for every farmer to improve his stock at little cost. The stock we offer will be sent from the Co-operative Stock Farm of Messrs. A. P. & M. B. Rowe, Fredericksburg, Va., with whom we have made arrangements to supply our orders, and whose business is specially to raise thorough-bred stock. They have supplied our orders heretofore and with the most perfect satisfaction as the following voluntary testimonials of many will show:

Testimonials.

DR. J. H. BENTON, Newton Grove, N. C., under date of Feb. 14th, '80, sends us the following: "I have received the thoroughbred Berkshire pig as a premium for 20 subscribers to the N. C. FARMER, shipped by Messrs. A. P. & M. B. Rowe, of Fredericksburg, Va., by your order, every one who has seen him, (and many of your subscribers have honored him with a call) pronounce him a fine pig. I am well pleased with him, and am sure he will make me a fine hog.

JNO. A. CLINE, Concord, N. C., writes: "I received pure blooded Berkshire from Messrs. M. B. & A. P. Rowe, Fredericksburg, Va., by your order as a premium for 20 subscribers to N. C. FARMER, and have to say that I am more than pleased with it. It is indeed a model of beauty. I can hardly realize that I am in possession of so valuable a pig at so little cost. I wonder that more farmers do not make up clubs and thus extend the circulation of the FARMER and also secure a valuable pig for their trouble. Long live the FARMER."

JACOB TREXLER, Esq., Rockwell, Rowan County, N. C., writes: "I have received the Berkshire pig as a premium for 20 subscribers to the N. C. FARMER, shipped by Messrs. A. P. & M. B. Rowe, Fredericksburg, Va., by your order, and think it is the finest pig I ever saw. I am perfectly satisfied. Papers and seeds have all been received. I wish the FARMER great success."

W. B. SOUTHERLAND, Rose Hill, N. C., writes: "I have received my Berkshire pig as a premium for 20 subscribers, and am very much pleased with it. The parties subscribing through me express their satisfaction with the seed."

CHARLES P. SHUPING, Salisbury, Rowan county, N. C., writes: "The premium Berkshire pig, awarded me for 20 subscribers, is to hand, and I am highly pleased with it. It is equal to the illustration in January number of the FARMER. Many thanks to you."

J. J. BARRINGER, Esq., Concord, N. C., to whom we sent one of Messrs. M. B. & A. P. Rowe's thoroughbred Berkshire boar pigs for twenty subscribers, writes: "I received the pig the 2nd of February, 1880, and am highly pleased. I think it is the finest pig I ever saw for its age"

ED. N. C. FARMER.—I have received the premium pig, with which I am much pleased. He is all that he was represented to be.—H. B. COLLIER, Bladenboro, N. C.

J. M. HINES, Bostick's Mills, N. C., writes: "I have received the premium Berkshire pig sent me through your order by Messrs. M. B. & A. P. Rowe, Fredericksburg, Va., with which I am well pleased. He is what he was represented to be."

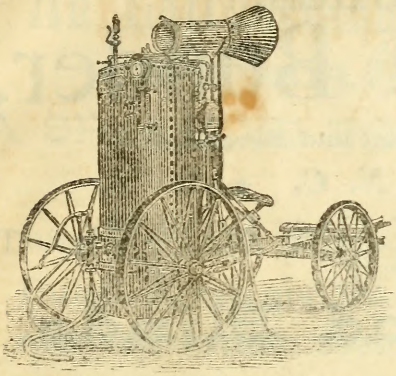
ED. N. C. FARMER.—I have received the pig and am well pleased with it.—D. MCCAIN, Newport, N. C.

ED. N. C. FARMER.—The premium pig shipped me per Express came to hand to-day, Jan. 10th, 1880. I am much pleased with it. It is fully up in its points to the premium picture in January No. of the FARMER. I hope you may soon send more of them into this part of the county.—JACOB A. KLUTTZ, Salisbury, N. C.

Or we will supply a boar pig to order to those who do not get up clubs, at $10.00, the regular price for full thoroughbred stock. Address

JAS. H. ENNISS,

Editor "North Carolina Farmer," Raleigh, N. C.



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The New Virginia Feed Cutter.

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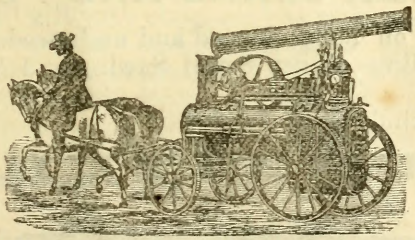
THOS. W. GODWIN & CO., Prop'rs.



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We build Engines of all kinds and sizes and ask a call from any one in want of an Engine before purchasing, as we are convinced we can give them as much for their money as any house in the country.

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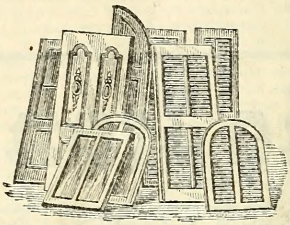

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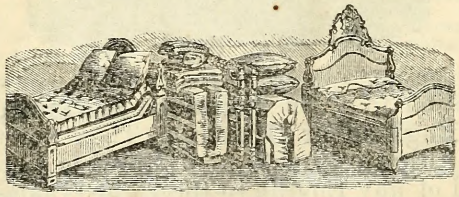

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Come and see before purchasing elsewhere. As I superintend my own business, and I am determined to break up the prejudice of Southern Dealers, who think nothing good unless it comes from the North, I want them to see what the South can do.

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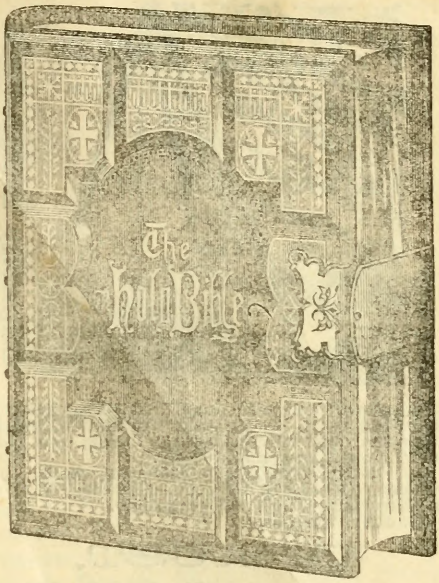

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To any one sending a club of Twenty Subscribers to the NORTH CAROLINA FARMER, with the subscription price of One Dollar each, we will present the splendid Quarto Bible illustrated in the cut, and will give to each subscriber in addition to the paper for one year, *one dozen papers of Buists' fresh and warranted garden seed,* which are unequaled for excellence and purity, and assort them as may be desired. The Bible is quarto size, bound in French morocco, paneled as in the cut, full gilt with clasp, and in addition to the Holy Scriptures, contains the Apocrapha, a Concordance, Index, Table of Weights and Measures, Maps, a full and comprehensive history of the Bible, forty-eight beautiful large illustrations of the Books, and twenty full page Engravings. Also a Comprehensive Pronouncing Bible Dictionary, containing in all nearly seven hundred illustrations, with two brilliant illuminations, and is arranged for SIXTEEN FAMILY PORTRAITS. This Bible is sold in bookstores and by their agents at $15.00.

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Editor and Proprietor N. C. Farmer,
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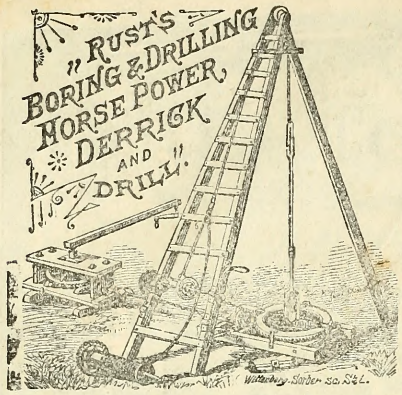

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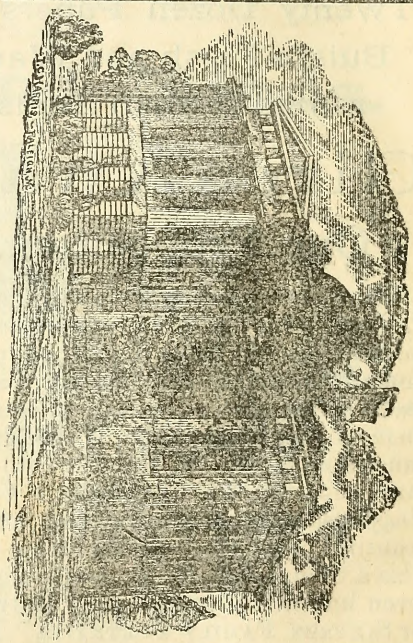

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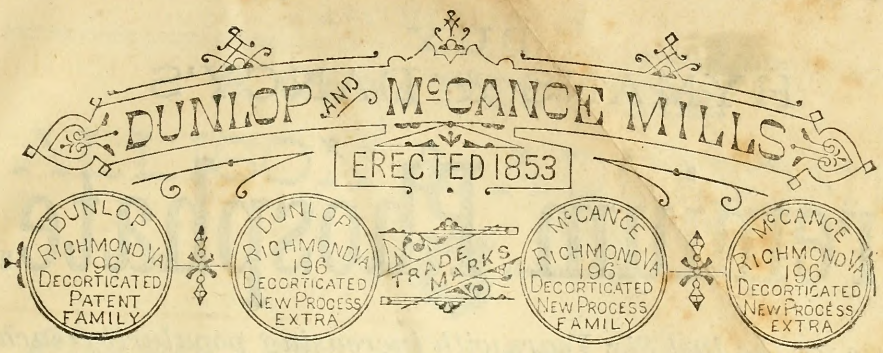

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Of our "McCANCE NEW PROCESS FAMILY," and "McCANCE NEW PROCESS EXTRA," we can confidently say, they are unsurpassed by any other brands to be had for the same price; and will certainly give entire satisfaction to those who do not fancy paying the figures, which Patent Flour must command, to induce its manufacture. Our fixed policy is to keep the Flour represented by our brands to a high standard of quality. In addition to the usual packages—barrels and half-barrels—we are now putting it in bags equal to the half, quarter, eighth and sixteenth of a barrel.

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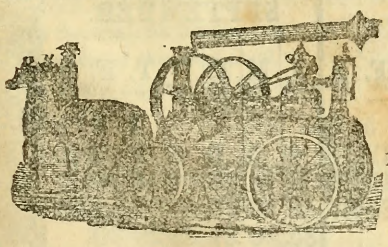

TALBOTT & SONS

SHOCKOE MACHINE WORKS,

RICHMOND, VA.,

Manufacturers of Portable and Stationary Engines and Boilers, Saw Mills, Corn and Wheat Mills, Shafting, Hangers and Pulleys, Turbine Water Wheels, Tobacco Factory Machinery, Wrought Iron Work, Brass and Iron Castings, Machinery of every description.

Ginning and Threshing Machines

A SPECIALTY.

Repairing Promptly and Carefully Done.

Talbott's Patent Spark-Arrester,

THE INVENTION OF THE AGE.

It does not interfere with cleaning the tubes. It will not choke up; and requires no cleaning.
It requires no direct dampers to be opened when raising steam (dampers being objectionable, as they may be left open and allow sparks to escape.)
It requires no water to extinguish sparks, which, by condensation, destroys the draft. Besides, when water is used, if neglected, the efficiency is destroyed by evaporation of the water, and the boiler is kept in a filthy condition.
It is simple and durable and can be relied upon. It can be attached to any boiler.
No planter should be without one of them. Insurance companies will insure gins and barns where the Talbott Engines and Spark-Arresters are used at same rate as charged for water or horse power.
☞ Send for illustrated circulars and price list.

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The Agricultural Insures Against Loss by Lightning—See page 42.

WITH'S ANTI-DYSPEPTIC PILLS—The most Reliable Remedy for DYSPEPSIA and DISORDERED LIVER Ever Discovered.

ALMANAC CALENDAR, 1881.

JANUARY.

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Raleigh

...ure your Dwellings & Farm Property in the Agricultural—See p. 42.

A PROSPEROUS FIRM.

One of the most prominent firms in Raleigh, or in the State, is R. B. Andrews & Co., Clothiers. For many years, indeed for a generation, the house has had a reputation, which has been well earned by fair dealing and the most careful consideration of the wants of customers. The house began business in 1847, on Fayetteville street, and was then managed by Mr. E. L. Harding. Mr. Robert B. Andrews, now of the firm, was then a clerk, and continued in that position until the war came on. During two years of the war the house was closed on account of lack of goods, but in 1865 was re-opened, Mr. Andrews then becoming sole manager. In 1868 Mr. Seymour W. Whiting, now of the firm, became a clerk. In the same year the present elegant store was finished. It was then with a front of 23 feet and a length of 90 feet. The business rapidly increased and an addition of 36 feet was made in 1874. Three stories in height were added, and the beautiful front of iron and pressed brick became one of the most prominent objects in the city. But even this addition was not sufficient to satisfy the constantly increasing business of the firm, so during the past Spring it was decided to extend the store to Wilmington Street, giving it a depth of 210 feet, and a handsome front on the last named street. This extension is just completed, and the store now becomes one of the largest and finest in the South, attracts marked attention. In 1878 Mr. S. W. Whiting, who for ten years had been a clerk, became a member of the firm and gives it the benefit of his experience and business tact. From time to time, recently, new clerks have been employed, until now there are seven. The trade of this firm is extensive, not only in the city and section, but all over the State, and it has become one of the best known houses in North Carolina. When we say that full lines of carefully selected clothing are at all times kept in stock and that the best attention is given to customers and to orders, we have given but two of the reasons for the large and daily increasing business of the house. It will continue to be the aim of the firm to always keep just the goods the people need, at bottom figures, and a constant and steady increase of the trade may be looked for.—*Raleigh Observer, September 26, 1880.*

Look to your own interest by calling and Examining goods and prices at the

Largest, Cheapest and Best Clothing House in the State.

R. B. ANDREWS & CO.,

Clothiers and Hatters,

No. 27 Fayetteville and Wilmington Streets,

RALEIGH, N. C.

Established, 1847.

R. B. ANDREWS. S. W. WHITING.

R. B. ANDREWS & CO.

No. 27 Fayetteville and Wilmington Streets,

RALEIGH, N. C.

MEN AND BOYS' CLOTHING.

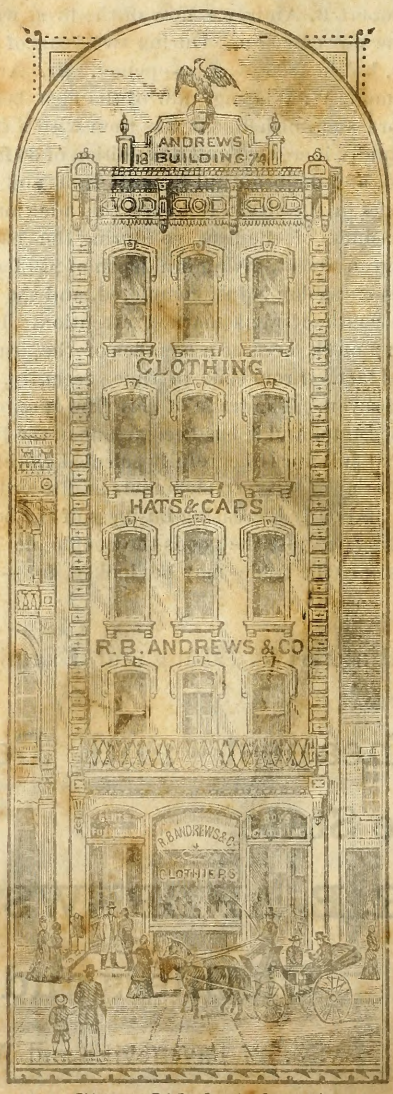
Shirts, Collars and Cuffs.

Complete Stock of Men and Boys Underwear.

Handkerchiefs, Cravats, Gloves, Suspenders and Half Hose.

Every Suit sold guaranteed to WEAR as REPRESENTED or money refunded.

Fine **Dress Suits** a specialty.



(Store 210 feet deep.)

Hats and Caps,

CORRECT STYLES.

Trunks, Valises AND Traveling Bags.

Umbrellas.

We always keep on hand the latest at the lowest prices.

Send for Directions

For Self Measurement.

☞ Our best advertisement has always been, and ever will be, to furnish our customers with the best goods at Lowest Prices.

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